

Outdoor Heritage Fund ML 2019 / FY 2020 Accomplishment Plan Consent List
Presented at the June 20, 2019 Council Meeting

Project ID	Project Title	Organization	ML 2019 OHF Bill Funding Amount
2a	DNR WMA and SNA Acquisition - Phase XI	MN DNR	\$ 2,519,000
2b	Accelerating the Wildlife Management Area Program - Phase XI	Pheasants Forever	\$ 6,060,000
2c	MN Prairie Recovery Project - Phase IX	The Nature Conservancy	\$ 3,058,000
2d	Northern Tallgrass Prairie National Wildlife Refuge - Phase X	The Nature Conservancy	\$ 2,383,000
2e	Lower Wild Rice Corridor Habitat Restoration - Phase II	Wild Rice Watershed District	\$ 2,975,000
2f	Martin County DNR WMA Acquisition - Phase III	Fox Lake Conservation League	\$ 3,650,000
2g	RIM Grasslands Reserve	BWSR	\$ 2,276,000
2h	Prairie Chicken Habitat Partnership of the Southern Red River Valley Phase V	MN Prairie Chicken Society / Pheasants Forever	\$ 2,558,000
2i	DNR Grassland Enhancement - Phase XI	MN DNR	\$ 8,861,000
2j	Anoka Sand Plain Habitat Conservation - Phase VI	Great River Greening	\$ 2,573,000
2k	Fairmont Chain of Lakes Habitat Restoration - Phase I	City of Fairmont	\$ 1,390,000
3a	Protecting Strategic Forestlands Near Camp Ripley	The Conservation Fund	\$ 3,348,000
3b	Southeast Minnesota Protection and Restoration - Phase VII	The Nature Conservancy	\$ 5,741,000
3c	Minnesota Forests for the Future - Phase VII	MN DNR	\$ 4,573,000
3d	Floodplain Forest Enhancement - Mississippi River - Phase III	Audubon MN	\$ 1,357,000
3e	Enhanced Public Land - Open Landscapes	MN Sharp-Tailed Grouse Society / Pheasants Forever	\$ 955,000
3f	Minnesota Forest Recovery Project - Phase I	The Nature Conservancy	\$ 1,058,000
4a	Accelerating the Waterfowl Production Area Program - Phase XI	Pheasants Forever	\$ 5,631,000
4b	Shallow Lake & Wetland Protection Program - Phase VIII	Ducks Unlimited	\$ 6,150,000
4c	Wetland Habitat Protection and Restoration Program - Phase IV	Minnesota Land Trust	\$ 2,129,000
4d	Wild Rice Shoreland Protection - Phase VI	BWSR	\$ 1,187,000
4e	Shallow Lakes and Wetland Enhancement - Phase XI	MN DNR	\$ 3,541,000
4f	Restoration of Non-Native Cattail Dominated Wetlands in Border Waters	Voyageurs National Park	\$ 1,270,000
4g	Big Rice Lake Wild Rice Enhancement	MN DNR	\$ 845,000
5a	St. Croix Watershed Habitat Protection and Restoration - Phase I	St. Croix River Association	\$ 3,751,000
5b	Metro Big Rivers - Phase IX	MN Valley Trust	\$ 4,163,000

Outdoor Heritage Fund ML 2019 / FY 2020 Accomplishment Plan Consent List
Presented at the June 20, 2019 Council Meeting

Project ID	Project Title	Organization	ML 2019 OHF Bill Funding Amount
5c	Dakota County Habitat Protection/Restoration - Phase VII	Dakota County	\$ 3,516,000
5d	Fisheries Habitat Protection on Strategic North Central Minnesota Lakes - Phase V	Minnesota Land Trust	\$ 3,365,000
5e	Sauk River Watershed Habitat Protection and Restoration	Sauk River Watershed District	\$ 2,946,000
5f	Minnesota Trout Unlimited Colwater Fish Habitat Enhancement - Phase XI	MN Trout Unlimited	\$ 2,359,000
5g	DNR Aquatic Habitat Restoration and Enhancement	MN DNR	\$ 3,208,000
5h	St. Louis River Restoration Initiative - Phase VI	MN DNR	\$ 3,777,000
5i	Knife River Habitat Rehabilitation - Phase IV	Zeitgeist & Lake Superior Steelhead Association	\$ 891,000
5j	Shell Rock River Watershed Restoration Program - Phase VIII	Shell Rock River Watershed District	\$ 2,046,000
5k	Pine River Fish Passage Project 2020	Crow Wing SWCD	\$ 1,246,000
5l	Sauk River Dam Fish Passage	Stearns SWCD	\$ 737,000
5m	Restoration of Norway Brook connectivity to the Pine River by removal of Norway Lake Dam and replacement with rock-arch rapids	City of Pine River	\$ 2,267,000
5n	Pig's Eye Lake Island Habitat Restoration and Enhancement	Ramsey County Parks and Recreation	\$ 4,337,000
5o	Restoring the Upper Mississippi River at Lake Pepin - Phase I	Lake Pepin Legacy Alliance	\$ 750,000
5p	Conservation Partners Legacy Grant Program: Statewide and Metro Habitat - Phase XI	MN DNR	\$ 10,760,000
6a	Contract Management 2019	MN DNR	\$ 210,000
6b	LSOHC Administrative Budget	LCC	\$ 555,000
6c	Restoration Evaluations	MN DNR	\$ 150,000
6d	LCC Website	LCC	\$ 5,000

\$ 127,127,000



Lessard-Sams Outdoor Heritage Council

Laws of Minnesota 2019 Accomplishment Plan

Date: December 21, 2018

Program or Project Title: Southeast Minnesota Protection and Restoration Phase 7

Funds Recommended: \$ 5,741,000

Manager's Name: Richard Biske
Title: Freshwater Conservation Program Director
Organization: The Nature Conservancy
Address: 1101 West River Parkway
Address 2: Suite 200
City: Minneapolis, MN 55415
Office Number: 612-331-0766
Mobile Number: 651-564-0591
Email: rbiske@tnc.org
Website: nature.org/

Legislative Citation: ML 2019, Ch. X, Art. 1, Sec. 2, subd. X(x)

Appropriation Language:

County Locations: Dodge, Fillmore, Houston, Wabasha, and Winona.

Eco regions in which work will take place:

- Southeast Forest

Activity types:

- Enhance
- Protect in Easement
- Protect in Fee
- Restore

Priority resources addressed by activity:

- Forest
- Habitat
- Prairie

Abstract:

This program will protect approximately 1,900 acres using conservation easements and fee land acquisition and restore and enhance approximately 165 acres of declining habitat for important wildlife species in strategically targeted areas of biodiversity significance in the Blufflands of Southeast Minnesota resulting in increased public access and improved wildlife habitat.

Design and scope of work:

The Nature Conservancy (TNC), Minnesota Land Trust (MLT) and The Trust for Public Land (TPL) in partnership will use Outdoor Heritage Funds to invest in habitat protection and restoration within the Blufflands of Southeast Minnesota to expand and connect larger contiguous blocks of protected lands allowing land managers to restore, enhance and maintain high quality habitats at a scale difficult to accomplish with a fragmented ownership. Benefits of this program include the increased effectiveness of frequent prescribed fire necessary to reclaim "goat prairies", oak savanna and regenerate oak hardwood forests at a larger scale. Protecting and managing these lands is not only important for ecological reasons, but also benefits public use and enjoyment of these lands and the resources they

provide. This program will enhance prior conservation investments and ensure that the legacy of the Blufflands is preserved in a high quality condition for future generations.

There are 86 different native plant community types mapped by the Minnesota Biological Survey (MBS), covering nearly 149,670 acres within the project area. There are 183 species of state listed rare plants and animals, many of which are concentrated on 749 sites of biodiversity significance. This program has a proven track record of protecting, restoring and enhancing lands that meet both state and local priorities for biodiversity, land access and watershed health.

In addition, despite the area's high demand for outdoor recreation and having more species of greatest conservation need than anywhere else in the state, only 5% of the region is open to the public.

Conservation Easements:

MLT will acquire approximately 1,015 acres of conservation easements and develop restoration and habitat management plans for eased acres. MLT will identify potential projects within targeted priority areas through an RFP process coupled with local outreach via SWCDs. This competitive landowner bid process will rank projects based on ecological value and cost, prioritizing the best projects and securing them at the lowest cost to the state.

Fee Acquisition:

TNC and TPL will coordinate with MN DNR on all potential fee-title acquisitions. TNC and TPL will assist the participating DNR Divisions by conducting all or some of the following activities: initial site reviews, negotiations with the willing seller, appraisals, environmental reviews and acquisition of fee title. TNC and TPL will transfer lands to the DNR except when TNC ownership is appropriate. Fee acquisition of approximately 396 acres of forest and 489 acres of prairie along 1 mile of coldwater trout stream is planned.

Restoration and Enhancement:

TNC will restore/enhance approximately 135 acres of bluff prairie, floodplain, riparian habitat and forest.

MLT will restore and enhance 30 acres of habitat on existing and new easements.

Ecological restoration enhancement management plans will be developed in coordination with the appropriate DNR staff, landowners and/or hired subcontractors.

In this phase, MLT will negotiate and close all conservation easements and serve as project manager for all associated R/E projects.

Results to date:

Conservation Easements: 2,038 acres

Fee Land Acquisition: 2,965 acres

13 miles of stream

How does the request address MN habitats that have: historical value to fish and wildlife, wildlife species of greatest conservation need, MN County Biological Survey data, and/or rare, threatened and endangered species inventories:

Most of the projects selected for this program are located in complexes of biodiversity significance, as identified by MBS. They are also in close proximity to current state land, allowing contiguous blocks of habitat to be expanded thereby increasing continuity in a fragmented habitat. Sedimentation and erosion are major threats to fish in the region. Protecting upland natural communities, especially on the steep bluffs that flank most trout streams, will help prevent additional erosion. Aquatic habitat will also benefit from protection of trout stream banks and floodplains. The water quality benefit that comes with the protection of forested upland areas will be significant and contribute to improved trout habitat and non-game fish and mussel habitat. Proposed projects have 66 element occurrences, including 42 different species/communities/assemblages identified by the natural heritage inventory. Completed projects include a total of 76 element occurrences representing 46 different species/communities/assemblages. Specific habitats include bluff prairie, oak savanna, barrens prairie, oak-hickory woodland, jack pine-oak woodland, white pine - oak/maple forest and maple basswood hardwood forest. These habitats support species including: tri-colored and northern long-eared bats, timber rattlesnake, Blanding's turtle, western foxsnake, North American racer, American ginseng, great indian plantain, plains wild indigo and red-shouldered hawk.

Describe the science based planning and evaluation model used:

Southeast MN is blessed with a wealth of conservation planning and biological indices and analyses. Our partnership uses existing plans, like the watershed-based Landscape Stewardship Plans and DNR's Wildlife Action Network to identify priority areas to focus our efforts and resources. Individual projects are assessed based on their significance to biodiversity (according to data from the MN Biological Survey), along with several other important criteria such as:

- location within a priority area
- health and extent of existing natural communities
- areas of significant biodiversity and native plant communities
- proximity to existing conservation lands

- parcel size
- importance for stream quality
- risk of conversion

Which sections of the Minnesota Statewide Conservation and Preservation Plan are applicable to this program:

- H1 Protect priority land habitats
- H3 Improve connectivity and access to recreation

Which other plans are addressed in this program:

- Minnesota's Wildlife Action Plan 2015-2025
- Outdoor Heritage Fund: A 25 Year Framework

Which LSOHC section priorities are addressed in this program:

Southeast Forest:

- Protect forest habitat through acquisition in fee or easement to prevent parcelization and fragmentation and to provide the ability to access and manage landlocked public properties

Relationship to other funds:

- Environmental and Natural Resource Trust Fund
- Clean Water Fund

Describe the relationship of the funds:

This project implements priority activities identified in watershed protection plans developed with support from the Environmental and Natural Resources Trust Fund and Clean Water Fund.

Does this program include leverage in funds:

Yes

US Fish and Wildlife Service (USFWS) State Wildlife Grant funds are used to enhance oak savanna and bluff prairie on private lands within priority complexes where this project operates in an effort to manage at a landscape scale. TNC uses US Forest Service funds to conduct landowner outreach and provide technical assistance for private lands habitat planning and project development to improve forest condition and habitat enhancement within priority complexes.

MLT: Minnesota Land Trust encourages landowners to fully or partially donate the value of conservation easements as part of its landowner bid protocol. An estimated leverage of \$244,000 of donated value from landowners from easement acquisition is a conservative estimate.

TNC and TPL are leveraging private funds to cover a portion of travel and direct support services cost totaling \$131,900.

Per MS 97A.056, Subd. 24, Any state agency or organization requesting a direct appropriation from the OHF must inform the LSOHC at the time of the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose:

This proposal does not substitute or supplant previous funding that was not from a legacy fund.

Describe the source and amount of non-OHF money spent for this work in the past:

Appropriation Year	Source	Amount
2013	The Nature Conservancy	\$67,661
2014	The Nature Conservancy	\$2,173,459
2015	The Nature Conservancy	\$14,200
2016	The Trust for Public Land	\$250,000
2016	The Nature Conservancy	\$2,900

How will you sustain and/or maintain this work after the Outdoor Heritage Funds are expended:

Acquisition projects will be adjacent or within close proximity to existing protected lands, including state-owned lands and lands under conservation easement, allowing for the expansion of maintenance and restoration activities that are currently taking place on those protected lands and adjacent private lands. Habitats cleared of invasive species will be maintained with prescribed fire and other practices. Protection and restoration projects will improve future prescribed fire and maintenance activities through economies of scale. The tracts protected and enhanced as part of this proposal also meet the prioritization for Minnesota's Wildlife Action Plan. MN DNR has been successful in securing federal habitat enhancement funding. Tracts acquired will be transferred to the state for ongoing management unless when TNC ownership is appropriate. MLT - The land protected through conservation easements will be sustained through the state-of-the-art easement stewardship standards and practices. MLT is a nationally-accredited and insured land trust with a successful easement stewardship program that includes annual property monitoring and defending the easements as necessary. In addition, MLT encourages landowners to undertake active ecological management of their properties, provides them with habitat management plans and works with them to secure resources (expertise and funding) to undertake these activities over time.

Explain the things you will do in the future to maintain project outcomes:

Year	Source of Funds	Step 1	Step 2	Step 3
Every 4-6 years	US Fish and Wildlife Service	prescribed fire		
Every 4-6 years	Game and Fish Fund	prescribed fire		
2022 and perpetually	MLT Easement Stewardship and Enforcement Fund	Annual monitoring in perpetuity	Enforcement as necessary	

Activity Details:

If funded, this program will meet all applicable criteria set forth in MS 97A.056 - **Yes**

Will there be planting of corn or any crop on OHF land purchased or restored in this program - **Yes**

Explain

Short-term use of agricultural crops is an accepted best practice for preparing a site for prairie restoration. For example, short-term use of soybeans could be used for restorations in order to control weed seedbeds prior to prairie planting. In some cases this necessitates the use of GMO treated products to facilitate herbicide use in order to control weeds present in the seedbank, however neonicotinoids will not be used.

MLT - The purpose of the Minnesota Land Trust's conservation easements is to protect existing high quality natural habitat and to preserve opportunities for future restoration. As such, we restrict any agricultural lands and use on the properties. In cases in which there are agricultural lands associated with the larger property, we will either carve the agricultural area out of the conservation easement, or in some limited cases, we may include a small percentage of agricultural lands if it is not feasible to carve those areas out. In such cases, however, we will not use OHF funds to pay the landowners for that portion of the conservation easement.

Will county board or other local government approval be formally sought prior to acquisition, per 97A.056 subd 13(j) - **No**

We will follow the county/township board notification processes as directed by current statutory language.

Is the land you plan to acquire (fee title) free of any other permanent protection - **No**

A fee land acquisition project has a trout stream angling access easement on it that was considered in the appraisal. We will follow guidance established by the Outdoor Heritage Fund to proceed.

Is this land currently open for hunting and fishing - **No**

Will the land be open for hunting and fishing after completion - **Yes**

None

Who will eventually own the fee title land?

State of MN, NGO

Land acquired in fee will be designated as a:

WMA, SNA, AMA, State Forest

What is the anticipated number of closed acquisitions (range is fine) you plan to accomplish with this appropriation?

3-5

Will the eased land be open for public use - **No**

Is the land you plan to acquire (easement) free of any other permanent protection - **Yes**

Who will manage the easement?

Landowners

Who will be the easement holder?

Minnesota Land Trust

What is the anticipated number of easements (range is fine) you plan to accomplish with this appropriation?

The Land Trust expects to close on 1- 4 easement acquisitions through this grant. The number of easement acquisitions proposed can vary significantly due to the size and cost of targeted parcels, and the amount of easement value donated by landowners. The maximum number of easements is capped at 4 based on the amount of stewardship funding requested.

Are there currently trails or roads on any of the acquisitions on the parcel list - **No**

Will new trails or roads be developed or improved as a result of the OHF acquisition - **No**

Will the acquired parcels be restored or enhanced within this appropriation? - **Yes**

A modest amount of R/E funding has been allotted to easements acquired through this grant. These funds will enable the Land Trust to significantly improve the condition and extent of habitat on protected lands, making good projects great.

TPL: Yes, some initial restoration will be conducted through release of IDP funds or through contracts.

TNC: Much of the restoration and enhancement will be done within this appropriation, however, due to a reduced allocation some restoration and enhancement on parcels acquired by TNC will need to be funded by other sources including Game and Fish Fund.

Will restoration and enhancement work follow best management practices including MS 84.973 Pollinator Habitat Program - **Yes**

Is the activity on permanently protected land per 97A.056, subd 13(f), tribal lands, and/or public waters per MS 103G.005, Subd. 15 - **Yes (WMA, SNA, AMA, Permanently Protected Conservation Easements County/Municipal, Public Waters, State Forests, OHF Acquired TNC Preserve)**

Accomplishment Timeline:

Activity	Approximate Date Completed
Purchase agreements or options on acquisition of fee land	June 30, 2022
Purchase agreements or options on conservation easements	June 30, 2022
Acquisition of fee land	June 30, 2023
Stream corridor and floodplain restoration	June 30, 2024
Bluff prairie and oak savanna enhancement	June 30, 2025
Easement acquisition	June 30, 2023

Date of Final Report Submission: 11/30/2024

Federal Funding:

Do you anticipate federal funds as a match for this program - **No**

Outcomes:

Programs in southeast forest region:

- Large corridors and complexes of biologically diverse wildlife habitat typical of the unglaciated region are restored and protected *We will track the acres of priority parcels protected within the Conservation Opportunity Areas (COA) identified as priorities in regional planning. Success within each COA will be determined based on the percentage of area protected, restored and/or enhanced.*

Budget Spreadsheet

Budget reallocations up to 10% do not require an amendment to the Accomplishment Plan

How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount

Outputs, to a large degree, were reduced proportionately to the funding that was allocated.

Total Amount of Request: \$ 5741000

Budget and Cash Leverage

Budget Name	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$468,500	\$0		\$468,500
Contracts	\$730,000	\$0		\$730,000
Fee Acquisition w/ PILT	\$2,260,200	\$0		\$2,260,200
Fee Acquisition w/o PILT	\$512,000	\$0		\$512,000
Easement Acquisition	\$975,000	\$244,000	Landowners	\$1,219,000
Easement Stewardship	\$192,000	\$0		\$192,000
Travel	\$19,000	\$1,000	Private	\$20,000
Professional Services	\$251,500	\$0		\$251,500
Direct Support Services	\$178,800	\$130,900	Private, Private	\$309,700
DNR Land Acquisition Costs	\$50,000	\$0		\$50,000
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$3,000	\$0		\$3,000
Supplies/Materials	\$21,000	\$0		\$21,000
DNR IDP	\$80,000	\$0		\$80,000
Total	\$5,741,000	\$375,900		\$6,116,900

Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
TNC Staff Project Manager, Protection, Grants	0.75	3.00	\$203,500	\$0		\$203,500
TPL Protection and Legal Staff	0.18	3.00	\$85,000	\$0		\$85,000
Minnesota Land Trust Staff	0.57	3.00	\$180,000	\$0		\$180,000
Total	1.50	9.00	\$468,500	\$0		\$468,500

Budget and Cash Leverage by Partnership

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	The Nature Conservancy	\$203,500	\$0		\$203,500
Contracts	The Nature Conservancy	\$500,000	\$0		\$500,000
Fee Acquisition w/ PILT	The Nature Conservancy	\$1,250,000	\$0		\$1,250,000
Fee Acquisition w/o PILT	The Nature Conservancy	\$512,000	\$0		\$512,000
Easement Acquisition	The Nature Conservancy	\$0	\$0		\$0
Easement Stewardship	The Nature Conservancy	\$0	\$0		\$0
Travel	The Nature Conservancy	\$5,000	\$0		\$5,000
Professional Services	The Nature Conservancy	\$50,000	\$0		\$50,000
Direct Support Services	The Nature Conservancy	\$95,500	\$95,600	Private	\$191,100
DNR Land Acquisition Costs	The Nature Conservancy	\$25,000	\$0		\$25,000
Capital Equipment	The Nature Conservancy	\$0	\$0		\$0
Other Equipment/Tools	The Nature Conservancy	\$0	\$0		\$0
Supplies/Materials	The Nature Conservancy	\$20,000	\$0		\$20,000
DNR IDP	The Nature Conservancy	\$40,000	\$0		\$40,000
Total		\$2,701,000	\$95,600		\$2,796,600

Personnel - The Nature Conservancy

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
TNC Staff Project Manager, Protection, Grants	0.75	3.00	\$203,500	\$0		\$203,500
Total	0.75	3.00	\$203,500	\$0		\$203,500

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	The Trust for Public Land	\$85,000	\$0		\$85,000
Contracts	The Trust for Public Land	\$99,500	\$0		\$99,500
Fee Acquisition w/ PILT	The Trust for Public Land	\$1,010,200	\$0		\$1,010,200
Fee Acquisition w/o PILT	The Trust for Public Land	\$0	\$0		\$0
Easement Acquisition	The Trust for Public Land	\$0	\$0		\$0
Easement Stewardship	The Trust for Public Land	\$0	\$0		\$0
Travel	The Trust for Public Land	\$0	\$1,000	Private	\$1,000
Professional Services	The Trust for Public Land	\$75,000	\$0		\$75,000
Direct Support Services	The Trust for Public Land	\$35,300	\$35,300	Private	\$70,600
DNR Land Acquisition Costs	The Trust for Public Land	\$25,000	\$0		\$25,000
Capital Equipment	The Trust for Public Land	\$0	\$0		\$0
Other Equipment/Tools	The Trust for Public Land	\$0	\$0		\$0
Supplies/Materials	The Trust for Public Land	\$0	\$0		\$0
DNR IDP	The Trust for Public Land	\$40,000	\$0		\$40,000
Total		\$1,370,000	\$36,300		\$1,406,300

Personnel - The Trust for Public Land

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
TPL Protection and Legal Staff	0.18	3.00	\$85,000	\$0		\$85,000
Total	0.18	3.00	\$85,000	\$0		\$85,000

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Minnesota Land Trust	\$180,000	\$0		\$180,000
Contracts	Minnesota Land Trust	\$130,500	\$0		\$130,500
Fee Acquisition w/ PILT	Minnesota Land Trust	\$0	\$0		\$0
Fee Acquisition w/o PILT	Minnesota Land Trust	\$0	\$0		\$0
Easement Acquisition	Minnesota Land Trust	\$975,000	\$244,000	Landowners	\$1,219,000
Easement Stewardship	Minnesota Land Trust	\$192,000	\$0		\$192,000
Travel	Minnesota Land Trust	\$14,000	\$0		\$14,000
Professional Services	Minnesota Land Trust	\$126,500	\$0		\$126,500
Direct Support Services	Minnesota Land Trust	\$48,000	\$0		\$48,000
DNR Land Acquisition Costs	Minnesota Land Trust	\$0	\$0		\$0
Capital Equipment	Minnesota Land Trust	\$0	\$0		\$0
Other Equipment/Tools	Minnesota Land Trust	\$3,000	\$0		\$3,000
Supplies/Materials	Minnesota Land Trust	\$1,000	\$0		\$1,000
DNR IDP	Minnesota Land Trust	\$0	\$0		\$0
Total		\$1,670,000	\$244,000		\$1,914,000

Personnel - Minnesota Land Trust

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Minnesota Land Trust Staff	0.57	3.00	\$180,000	\$0		\$180,000
Total	0.57	3.00	\$180,000	\$0		\$180,000

Amount of Request: \$5,741,000

Amount of Leverage: \$375,900

Leverage as a percent of the Request: 6.55%

DSS + Personnel: \$647,300
As a % of the total request: 11.28%

How did you determine which portions of the Direct Support Services of your shared support services is direct to this program:

These approved rates do not include costs that were otherwise included in other budget line items.

TNC: DSS is based on The Nature Conservancy's Federally Negotiated rate as proposed and subsequently approved by the US Dept. of Interior on an annual basis. The proportion requested from the grant represents 50% with the other 50% contributed as leverage.

MLT: In a process that was approved by the DNR on March 17, 2017, Minnesota Land Trust determined our direct support services rate to include all of the allowable direct and necessary expenditures that are not captured in other line items in the budget, which is similar to the Land Trust's proposed federal indirect rate. We will apply this DNR approved rate only to personnel expenses to determine the total amount of the direct support services.

TPL: The Trust for Public Land's DSS request is based upon our federally approved rate, which has been approved by the DNR. 50% of these costs are requested from the grant and 50% is contributed as leverage.

What is included in the contacts line?

The Nature Conservancy will contract with private vendors such as Conservation Corps Minnesota to complete restoration and enhancement.

Minnesota Land Trust - For contracts related to the writing of habitat management plans, landowner outreach via SWCDs, and for restoration/enhancement of easement properties.

TPL - Potential site clean-up and initial restoration.

Does the amount in the travel line include equipment/vehicle rental? - Yes

Explain the amount in the travel line outside of traditional travel costs of mileage, food, and lodging:

Vehicle rental is also included.

Describe and explain leverage source and confirmation of funds:

TNC and TPL will leverage private funds for half of direct support services costs.

TPL will be leverage privately sourced funds for travel costs.

The Land Trust encourages landowners to donate value as a participant in the program. This leverage (\$244,000) is a conservative estimate of expected landowner contributions

What is the cost per easement for stewardship and explain how that amount is calculated?

The Land Trust easement stewardship cost is based on a number of factors, including: 1) easement administration & management, 2) monitoring, 3) updating of monitoring workbooks and baseline documentation reports, 4) encouraging voluntary compliance, 5) addressing potential violations, and 6) legal enforcement. The current cost is set at \$24,000/easement.

Output Tables

Table 1a. Acres by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	0	0	0	10	10
Protect in Fee with State PILT Liability	0	339	396	0	735
Protect in Fee W/O State PILT Liability	0	150	0	0	150
Protect in Easement	0	0	0	1,015	1,015
Enhance	0	35	100	20	155
Total	0	524	496	1,045	2,065

Table 1b. How many of these Prairie acres are Native Prairie?

Type	Native Prairie
Restore	0
Protect in Fee with State PILT Liability	0
Protect in Fee W/O State PILT Liability	0
Protect in Easement	0
Enhance	0
Total	0

Table 2. Total Funding by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$0	\$50,000	\$10,000	\$50,000	\$110,000
Protect in Fee with State PILT Liability	\$0	\$1,197,000	\$1,659,000	\$0	\$2,856,000
Protect in Fee W/O State PILT Liability	\$0	\$575,000	\$0	\$0	\$575,000
Protect in Easement	\$0	\$0	\$0	\$1,550,000	\$1,550,000
Enhance	\$0	\$350,000	\$230,000	\$70,000	\$650,000
Total	\$0	\$2,172,000	\$1,899,000	\$1,670,000	\$5,741,000

Table 3. Acres within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	0	0	10	0	0	10
Protect in Fee with State PILT Liability	0	0	735	0	0	735
Protect in Fee W/O State PILT Liability	0	0	150	0	0	150
Protect in Easement	0	0	1,015	0	0	1,015
Enhance	0	0	155	0	0	155
Total	0	0	2,065	0	0	2,065

Table 4. Total Funding within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	\$0	\$0	\$110,000	\$0	\$0	\$110,000
Protect in Fee with State PILT Liability	\$0	\$0	\$2,856,000	\$0	\$0	\$2,856,000
Protect in Fee W/O State PILT Liability	\$0	\$0	\$575,000	\$0	\$0	\$575,000
Protect in Easement	\$0	\$0	\$1,550,000	\$0	\$0	\$1,550,000
Enhance	\$0	\$0	\$650,000	\$0	\$0	\$650,000
Total	\$0	\$0	\$5,741,000	\$0	\$0	\$5,741,000

Table 5. Average Cost per Acre by Resource Type

Type	Wetlands	Prairies	Forest	Habitats
Restore	\$0	\$0	\$0	\$5000
Protect in Fee with State PILT Liability	\$0	\$3531	\$4189	\$0
Protect in Fee W/O State PILT Liability	\$0	\$3833	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$1527
Enhance	\$0	\$10000	\$2300	\$3500

Table 6. Average Cost per Acre by Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest
Restore	\$0	\$0	\$11000	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$3886	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$3833	\$0	\$0
Protect in Easement	\$0	\$0	\$1527	\$0	\$0
Enhance	\$0	\$0	\$4194	\$0	\$0

Automatic system calculation / not entered by managers

Target Lake/Stream/River Feet or Miles

1

Parcel List

For restoration and enhancement programs ONLY: Managers may add, delete, and substitute projects on this parcel list based upon need, readiness, cost, opportunity, and/or urgency so long as the substitute parcel/project forwards the constitutional objectives of this program in the Project Scope table of this accomplishment plan. The final accomplishment plan report will include the final parcel list.

Section 1 - Restore / Enhance Parcel List

Fillmore

Name	TRDS	Acres	Est Cost	Existing Protection?
Brightsdale State Forest Unit	10309206	25	\$25,000	Yes
Gribben Creek State Forest Unit	10309228	30	\$36,000	Yes

Winona

Name	TRDS	Acres	Est Cost	Existing Protection?
Whitewater WMA	10810202	60	\$180,000	Yes

Section 2 - Protect Parcel List

Dodge

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Middle Fork Zumbro River SNA	10817224	175	\$787,500	No	Full	Full

Fillmore

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Choice	10308211	102	\$102,000	No	Full	Full
Choice WMA North 3	10208203	120	\$480,000	No	Full	Full
Choice WMA North 5	10308234	80	\$400,000	No	Full	Full

Houston

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Money Creek South	10406206	100	\$100,000	No	Full	Full

Wabasha

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
McCarthy Lake	10909206	138	\$135,000	No	Full	Full
Watopa Forest	10910210	320	\$1,320,000	No	Full	Full
Weaver Dunes	10909206	231	\$250,000	No	Full	Full

Section 2a - Protect Parcel with Bldgs

Fillmore

Name	TRDS	Acres	Est Cost	# Bldgs?	Bldg Improve Desc	Value of Bldg	Disposition of Improvements
Rush Creek	10408202	240	\$825,000	1	shed	\$0	

Winona

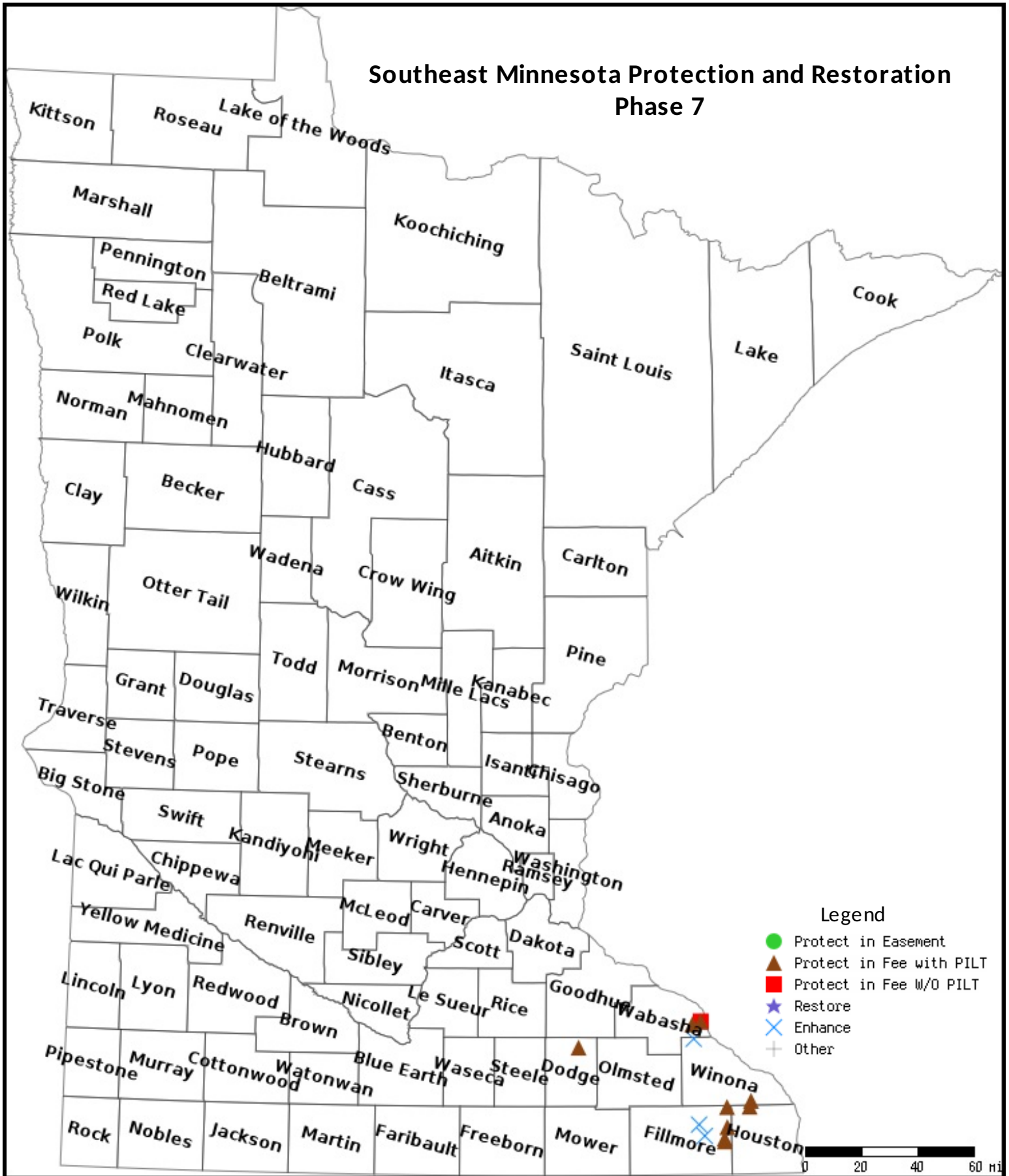
Name	TRDS	Acres	Est Cost	# Bldgs?	Bldg Improve Desc	Value of Bldg	Disposition of Improvements
Money Creek	10506230	850	\$2,500,000	1	shed	\$0	

Section 3 - Other Parcel Activity

No parcels with an other activity type.

Parcel Map

Southeast Minnesota Protection and Restoration Phase 7



Data Generated From Parcel List

Lessard-Sams Outdoor Heritage Council Comparison Report

Program Title: 2019 - Southeast Minnesota Protection and Restoration Phase 7

Organization: The Nature Conservancy

Manager: Richard Biske

Budget

Requested Amount: \$13,081,600

Appropriated Amount: \$5,741,000

Percentage: 43.89%

Budget Item	Total Requested		Total Appropriated		Percentage of Request	
	LSOHC Request	Anticipated Leverage	Appropriated Amount	Anticipated Leverage	Percentage of Request	Percentage of Leverage
Personnel	\$660,100	\$0	\$468,500	\$0	70.97%	-
Contracts	\$1,446,000	\$0	\$730,000	\$0	50.48%	-
Fee Acquisition w/ PILT	\$7,225,000	\$0	\$2,260,200	\$0	31.28%	-
Fee Acquisition w/o PILT	\$925,000	\$0	\$512,000	\$0	55.35%	-
Easement Acquisition	\$1,470,000	\$367,000	\$975,000	\$244,000	66.33%	66.49%
Easement Stewardship	\$336,000	\$0	\$192,000	\$0	57.14%	-
Travel	\$33,000	\$2,000	\$19,000	\$1,000	57.58%	50.00%
Professional Services	\$524,000	\$0	\$251,500	\$0	48.00%	-
Direct Support Services	\$242,500	\$176,500	\$178,800	\$130,900	73.73%	74.16%
DNR Land Acquisition Costs	\$65,000	\$0	\$50,000	\$0	76.92%	-
Capital Equipment	\$0	\$0	\$0	\$0	-	-
Other Equipment/Tools	\$10,000	\$0	\$3,000	\$0	30.00%	-
Supplies/Materials	\$30,000	\$0	\$21,000	\$0	70.00%	-
DNR IDP	\$115,000	\$0	\$80,000	\$0	69.57%	-
Total	\$13,081,600	\$545,500	\$5,741,000	\$375,900	43.89%	68.91%

How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount?

Outputs, to a large degree, were reduced proportionately to the funding that was allocated.

Output

Table 1a. Acres by Resource Type

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	100	10	10.00%
Protect in Fee with State PILT Liability	1,966	735	37.39%
Protect in Fee W/O State PILT Liability	231	150	64.94%
Protect in Easement	1,525	1,015	66.56%
Enhance	275	155	56.36%

Table 2. Total Funding by Resource Type

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	520,000	110,000	21.15%
Protect in Fee with State PILT Liability	8,215,600	2,856,000	34.76%
Protect in Fee W/O State PILT Liability	1,000,000	575,000	57.50%
Protect in Easement	2,393,000	1,550,000	64.77%
Enhance	953,000	650,000	68.21%

Table 3. Acres within each Ecological Section

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	100	10	10.00%
Protect in Fee with State PILT Liability	1,966	735	37.39%
Protect in Fee W/O State PILT Liability	231	150	64.94%
Protect in Easement	1,525	1,015	66.56%
Enhance	275	155	56.36%

Table 4. Total Funding within each Ecological Section

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	520,000	110,000	21.15%
Protect in Fee with State PILT Liability	8,215,600	2,856,000	34.76%
Protect in Fee W/O State PILT Liability	1,000,000	575,000	57.50%
Protect in Easement	2,393,000	1,550,000	64.77%
Enhance	953,000	650,000	68.21%

Lessard-Sams Outdoor Heritage Council Laws of Minnesota 2019 Accomplishment Plan

FRE 03



Date: December 21, 2018

Program or Project Title: Minnesota Forest Recovery Project: Phase I

Funds Recommended: \$ 1,058,000

Manager's Name: Jim Manolis
Organization: The Nature Conservancy
Address: 1101 West River Parkway
City: Minneapolis, MN 55415
Office Number: 612-331-0796
Mobile Number: 612-810-5400
Email: jim.manolis@tnc.org

Legislative Citation:

Appropriation Language:

County Locations: Beltrami, Cass, Cook, Lake, and St. Louis.

Eco regions in which work will take place:

- Northern Forest

Activity types:

- Enhance

Priority resources addressed by activity:

- Forest

Abstract:

Northern Minnesota's forests are at a crossroads: they are increasingly challenged by invasive species, insect pests, a changing climate, and the legacy of inadequate management. Furthermore, some habitats have declined in many areas, including long-lived-conifers, young-forest, and large-patch habitats. These habitats are critical for numerous game and non-game species of concern. Through enhancements applied to 2,465 acres of degraded forests, the proposed project will increase long-lived conifers, young forest gaps, riparian forest complexity, and patch-size diversity. By acting today, we can improve the health and resilience of our forests for all the benefits they provide.

Design and scope of work:

In northern Minnesota, hundreds of thousands of acres of forest are now in poor condition with diminished value for both wildlife and forest health. Long-lived conifers and early successional habitats have declined in many areas. Rapidly changing economic conditions plus threats such as invasive species, disease, a warming climate, fragmentation, and habitat loss pose great challenges for forest and wildlife managers. Over time, forest health issues tend to become more difficult and expensive to reverse. Significant investments in Minnesota's forests are urgently needed now to improve forest health for wildlife, clean water, cultural values, and local economies.

Major goals of this project are to:

- Enhance forest productivity in degraded stands to benefit forest wildlife
- Enhance riparian and upland forests to improve water quality and fish habitat
- Enhance tree species, age-class, and patch size diversity to improve habitat and increase forest resilience

This work will build on the strong partnerships and on-the-ground results produced over the past 20 years. Since 2009, TNC-supervised projects planted over 3 million trees across 15,000 acres of forests and have applied numerous enhancement treatments to those acres. The proposed project builds on this foundation.

Enhancement activities will include:

- Site preparation including shearing and brush cutting
- Brush removal around seedlings
- Coordinating activities across multiple landowners to maintain or increase both young and mature forest patch size
- Browse protection
- Prescribed burning
- Black Ash stand diversification to prepare for Emerald Ash Borer

We used a collaborative approach to identify sites and expect to include additional county, tribal, and industry partners over time. Sites included in this proposal are on US Forest Service, DNR, Leech Lake Band of Ojibwe, and Beltrami and St. Louis County lands. We will also work with and provide leadership to collaborative efforts including the Minnesota Forest Resources Council Landscape Committees, the Minnesota Forest Wildlife Habitat Collaborative, emerging all-lands collaboratives with the National Forests that utilize Stewardship and Good Neighbor Authorities, and the North Shore, Manitou, Sand-Lake Seven Beavers collaboratives. Other partners include the American Bird Conservancy, the Minnesota Deer Hunters Association, the Wildlife Management Institute, The Minnesota Land Trust, Trout Unlimited, the Ruffed Grouse Society, and the US Fish and Wildlife Service.

To implement the project, a new forest restoration position will coordinate management with landowners, supervise contractors and contracting crews, and strengthen local partnerships. This position will be supervised by existing staff and will be advised by a core team of partners.

Project sites will focus on core, priority areas with additional, smaller satellite sites or “stepping stones” that provide good opportunities for expansion in the future.

Core areas emphasize:

- North Shore: restoring productivity and diversity in declining birch and riparian forests
- Manitou Landscape: enhancing diversity and reducing fuel loads in a large, mature forest patch
- St. Louis River Headwaters: coordinating and enhancing large, young forest patches; diversity plantings
- Mississippi Headwaters/North Central Pines: controlled burns in mature pines, ash diversification, browse protection

How does the request address MN habitats that have: historical value to fish and wildlife, wildlife species of greatest conservation need, MN County Biological Survey data, and/or rare, threatened and endangered species inventories:

This proposal addresses Species of Greatest Conservation Need in two main ways. First, it clearly addresses Objective 1 of the State Wildlife Action Plan: “Within the Wildlife Action Network, maintain and enhance the resilience of the habitats upon which Species in Greatest Conservation Need (SGCN) and other wildlife depend.” The proposed habitat projects increase forest diversity and thus maintain or enhance resilience. The majority of proposed sites fall within higher ranking areas of the Wildlife Action Network. Second, specific treatments carried out by this project will benefit at least 20 SGCNs. For example, treatments that increase long-lived conifer abundance will benefit:

- Evening Grosbeak
- Olive-sided Flycatcher
- Spruce Grouse
- Purple Finch
- Connecticut Warbler
- Black-backed Woodpecker
- Winter Wren
- Moose
- Boreal Owl
- Canada Lynx

Treatments that create young forest conditions will benefit:

- Veery
- Wood Thrush
- Golden-winged Warbler

- Moose

Gap creation and planting in riparian areas will benefit:

- Veery
- Black-billed Cuckoo
- Olive-sided Flycatcher
- Common Merganser
- Winter Wren
- Four-toed salamander
- Eastern red-backed salamander
- Coaster Brook Trout
- Lake Sturgeon

At initiation of this project, we will convene a panel of experts on these species and review approaches for improving their habitat. Following that we will convene periodic meetings to review progress and new information on habitat needs and population status.

Describe the science based planning and evaluation model used:

We used a combination of GIS data layers to prioritize sites that will enhance corridors and complexes, limit fragmentation, and enhance priority areas identified by the MN Biological Survey. These data layers include the Minnesota Wildlife Action Network, Minnesota Biological Survey Biodiversity significance ranks, existing areas of collaborative focus identified by The Nature Conservancy and partners, and areas with poor forest stocking identified by agencies. For the initial pool of sites that we considered for this proposal, we used a GIS overlay approach of these different data sets to choose sites that meet partner priorities and meet LSOHC Northern Forest Section priorities. LSHOC priorities that were weighted most heavily included high-ranking locations within the Wildlife Action Network (indicating value for Species of Greatest Conservation Need and high-ranking areas identified by the Minnesota Biological Survey) and proximity to water (indicating value for cold-water lakes and watersheds).

In addition, we used a new data layer developed by a multi-state initiative called "Conserving Nature's Stage." Pioneered and led by TNC, this approach maps and ranks habitat connectivity and habitat resilience across large regions. If this project is funded, we will also incorporate a LiDAR derived assessment of forest structure that we are developing in partnership with the US Forest Service to identify areas of greatest restoration need.

Which sections of the Minnesota Statewide Conservation and Preservation Plan are applicable to this program:

- H5 Restore land, wetlands and wetland-associated watersheds
- LU10 Support and expand sustainable practices on working forested lands

Which other plans are addressed in this program:

- Minnesota Forest Resource Council Landscape Plans
- Minnesota's Wildlife Action Plan 2015-2025

Which LSOHC section priorities are addressed in this program:

Northern Forest:

- Restore forest-based wildlife habitat that has experienced substantial decline in area in recent decades

Relationship to other funds:

- Private Contributions to TNC, US Forest Service Funds and in-kind work.

Describe the relationship of the funds:

We are leveraging state funds with private funds through a contribution of 50% of our Direct Support Services, plus additional leverage as detailed in the leverage section.

Does this program include leverage in funds:

Yes

To support our ongoing forest enhancement work, we continually seek and acquire private foundation grants, public funds, and donations from corporations and individuals. Leverage sources and amounts for this proposal include:

- TNC private donations and foundation grants (\$215,600)
- In-kind labor provided by National Forests (\$35,000 value)

Per MS 97A.056, Subd. 24, Any state agency or organization requesting a direct appropriation from the OHF must inform the LSOHC at the time of the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose:

This proposal does not substitute or supplant previous funding that was not from a legacy fund.

Describe the source and amount of non-OHF money spent for this work in the past:

Not Listed

How will you sustain and/or maintain this work after the Outdoor Heritage Funds are expended:

This project will strengthen and support the many collaborative efforts across the forested region by mobilizing efforts to increase the pace and scale of forest restoration and enhancement. Through this effort, we are developing consistent methodologies and approaches that can be institutionalized through a collaborative process, thus ensuring a long-term commitment that follows ecological need and urgency. When possible, Outdoor Heritage funds will be used to leverage federal and private funds to expand restoration and enhancement efforts to the most critically needed locations.

Explain the things you will do in the future to maintain project outcomes:

Year	Source of Funds	Step 1	Step 2	Step 3
1-7	We will seek a mix of private and public funds	Install browse protection on planted seedlings	Monitor seedling survival	
5	We will seek a mix of private and public funds	Release/cut competing brush around seedlings		
7, 10	We will seek a mix of private and public funds, landowner responsibility	Check sapling condition	Prune white pines for blister rust	
20, 40, 60	Landowner responsibility	Check stand condition	Thin or treat as appropriate	

Activity Details:

If funded, this program will meet all applicable criteria set forth in MS 97A.056 - **Yes**

Will there be planting of corn or any crop on OHF land purchased or restored in this program - **No**

Will restoration and enhancement work follow best management practices including MS 84.973 Pollinator Habitat Program - **Yes**

Is the activity on permanently protected land per 97A.056, subd 13(f), tribal lands, and/or public waters per MS 103G.005, Subd. 15 - **Yes (WMA, Permanently Protected Conservation Easements County/Municipal, State Forests, US Forest Service Lands)**

Accomplishment Timeline:

Activity	Approximate Date Completed
Complete fall prescribed burns if conditions allow; complete first season of fall site preparation	December 2019
Complete first season of spring site preparation	April 2020
Complete first season of planting	May 2020
Complete first season of browse protection	November 2020
Complete second season of site preparation	April 2021
Complete second season of planting	May 2021
Complete second season of browse protection	November 2021
Complete third season of site preparation	April 2022
Complete third season of planting	May 2022
Complete final prescribed burns	June 2022

Date of Final Report Submission: 11/1/2022

Federal Funding:

Do you anticipate federal funds as a match for this program - **No**

Outcomes:

Programs in the northern forest region:

- Improved availability and improved condition of habitats that have experienced substantial decline *We will seek and leverage funds to measure regeneration success, structural variables, and other measures of stand condition of treated sites. We will encourage landowner partners to do the same.*

Budget Spreadsheet

Budget reallocations up to 10% do not require an amendment to the Accomplishment Plan

How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount

Scaled back project to lower acreage number, cut some of the higher cost sites.

Total Amount of Request: \$ 1058000

Budget and Cash Leverage

Budget Name	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$144,300	\$0		\$144,300
Contracts	\$513,600	\$86,400	US Forest Service, private donors and foundations	\$600,000
Fee Acquisition w/ PILT	\$0	\$0		\$0
Fee Acquisition w/o PILT	\$0	\$0		\$0
Easement Acquisition	\$0	\$0		\$0
Easement Stewardship	\$0	\$0		\$0
Travel	\$6,100	\$0		\$6,100
Professional Services	\$0	\$0		\$0
Direct Support Services	\$115,600	\$115,600	The Nature Conservancy	\$231,200
DNR Land Acquisition Costs	\$0	\$0		\$0
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$0	\$0		\$0
Supplies/Materials	\$278,400	\$48,600	US Forest Service, private donors and foundations	\$327,000
DNR IDP	\$0	\$0		\$0
Total	\$1,058,000	\$250,600		\$1,308,600

Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Forest Recovery Specialist, Project Coordination, Grants Admin	0.60	3.00	\$144,300	\$0		\$144,300
Total	0.60	3.00	\$144,300	\$0		\$144,300

Amount of Request: \$1,058,000

Amount of Leverage: \$250,600

Leverage as a percent of the Request: 23.69%

DSS + Personnel: \$259,900

As a % of the total request: 24.57%

How did you determine which portions of the Direct Support Services of your shared support services is direct to this program:

DSS is based on The Nature Conservancy's Federally Negotiated rate as approved by the US Department of Interior. The proportion requested from the grant represents 50% with the other 50% contributed as leverage.

What is included in the contacts line?

Includes labor for on-the-ground enhancement work.

Does the amount in the travel line include equipment/vehicle rental? - No

Explain the amount in the travel line outside of traditional travel costs of mileage, food, and lodging:

Only includes mileage.

Describe and explain leverage source and confirmation of funds:

TNC will leverage privately sourced funds to cover half of direct support services (DSS) costs. Other leverage sources include private and public funds and in-kind labor as detailed in the leverage section of the proposal narrative.

Output Tables

Table 1a. Acres by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	0	0	0	0	0
Protect in Fee with State PILT Liability	0	0	0	0	0
Protect in Fee W/O State PILT Liability	0	0	0	0	0
Protect in Easement	0	0	0	0	0
Enhance	0	0	2,465	0	2,465
Total	0	0	2,465	0	2,465

Table 2. Total Funding by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$0	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$1,058,000	\$0	\$1,058,000
Total	\$0	\$0	\$1,058,000	\$0	\$1,058,000

Table 3. Acres within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	0	0	0	0	0	0
Protect in Fee with State PILT Liability	0	0	0	0	0	0
Protect in Fee W/O State PILT Liability	0	0	0	0	0	0
Protect in Easement	0	0	0	0	0	0
Enhance	0	0	0	0	2,465	2,465
Total	0	0	0	0	2,465	2,465

Table 4. Total Funding within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$0	\$1,058,000	\$1,058,000
Total	\$0	\$0	\$0	\$0	\$1,058,000	\$1,058,000

Table 5. Average Cost per Acre by Resource Type

Type	Wetlands	Prairies	Forest	Habitats
Restore	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$429	\$0

Table 6. Average Cost per Acre by Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest
Restore	\$0	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$0	\$429

Automatic system calculation / not entered by managers

Target Lake/Stream/River Feet or Miles

0

Parcel List

For restoration and enhancement programs ONLY: Managers may add, delete, and substitute projects on this parcel list based upon need, readiness, cost, opportunity, and/or urgency so long as the substitute parcel/project forwards the constitutional objectives of this program in the Project Scope table of this accomplishment plan. The final accomplishment plan report will include the final parcel list.

Section 1 - Restore / Enhance Parcel List

Beltrami

Name	TRDS	Acres	Est Cost	Existing Protection?
North Central Pines-213048	15032220	7	\$945	Yes
North Central Pines-217001	15131215	5	\$675	Yes
North Central Pines-Darrigan1	15032201	11	\$1,485	Yes
North Central Pines-Darrigan2	15032212	4	\$540	Yes
North Central Pines-fire-salvage	15132230	124	\$16,740	Yes
North Central Pines-old fields1	15032202	13	\$1,755	Yes
North Central Pines-old fields2	15032211	4	\$540	Yes

Cass

Name	TRDS	Acres	Est Cost	Existing Protection?
Ash Diversification	14228235	30	\$30,000	Yes
Pinepoint	14231202	482	\$96,400	Yes

Cook

Name	TRDS	Acres	Est Cost	Existing Protection?
DNR-10	05905216	38	\$9,500	Yes
East Colvill WMA	06103106	35	\$16,450	Yes
hdwd-diversity	05904208	9	\$2,250	Yes
hdwd-diversity-2	05904216	9	\$2,250	Yes

Lake

Name	TRDS	Acres	Est Cost	Existing Protection?
Caribou Falls WMA	05806236	80	\$27,600	Yes
DNR-11	05906216	105	\$26,250	Yes
DNR-8	05411216	20	\$5,000	Yes
Little Marais WMA	05706216	70	\$37,100	Yes
Lookout-Egge Ridges Diversity Gap Planting	05807228	29	\$5,800	Yes
Manitou Stony1	05906210	51	\$28,050	Yes
Manitou Stony2	05906209	187	\$74,800	Yes
North Shore-05410235	05410235	100	\$45,500	Yes

St. Louis

Name	TRDS	Acres	Est Cost	Existing Protection?
Bird Lk, Stand 79, 81	05814236	56	\$11,480	Yes
DNR-7	05312216	45	\$11,250	Yes
Eveleth, Stand 104, 201, 204	05817228	50	\$5,000	Yes
Eveleth, Stand 129, 196	05817233	30	\$3,000	Yes
Gnesen	05014204	188	\$94,000	Yes
Hardwoods_White Pine	05510216	150	\$37,500	Yes
Hoo-Dis	06319202	69	\$34,500	Yes
Skibo-Lindwood1	05614233	50	\$22,750	Yes
Skibo-Lindwood3	05614226	66	\$30,030	Yes
Skibo-Lindwood4	05614223	75	\$34,125	Yes
Skibo-Lindwood5	05614222	90	\$40,950	Yes
Smashed	05216210	42	\$21,000	Yes
Stand 126	05614228	4	\$420	Yes
Stand 190	05614216	13	\$1,310	Yes
Stand 369	05617216	4	\$1,170	Yes
Stand 419	05617221	8	\$840	Yes
Stand 448	05616236	73	\$7,300	Yes
Stand 51	05614218	39	\$3,880	Yes

Section 2 - Protect Parcel List

No parcels with an activity type protect.

Section 2a - Protect Parcel with Bldgs

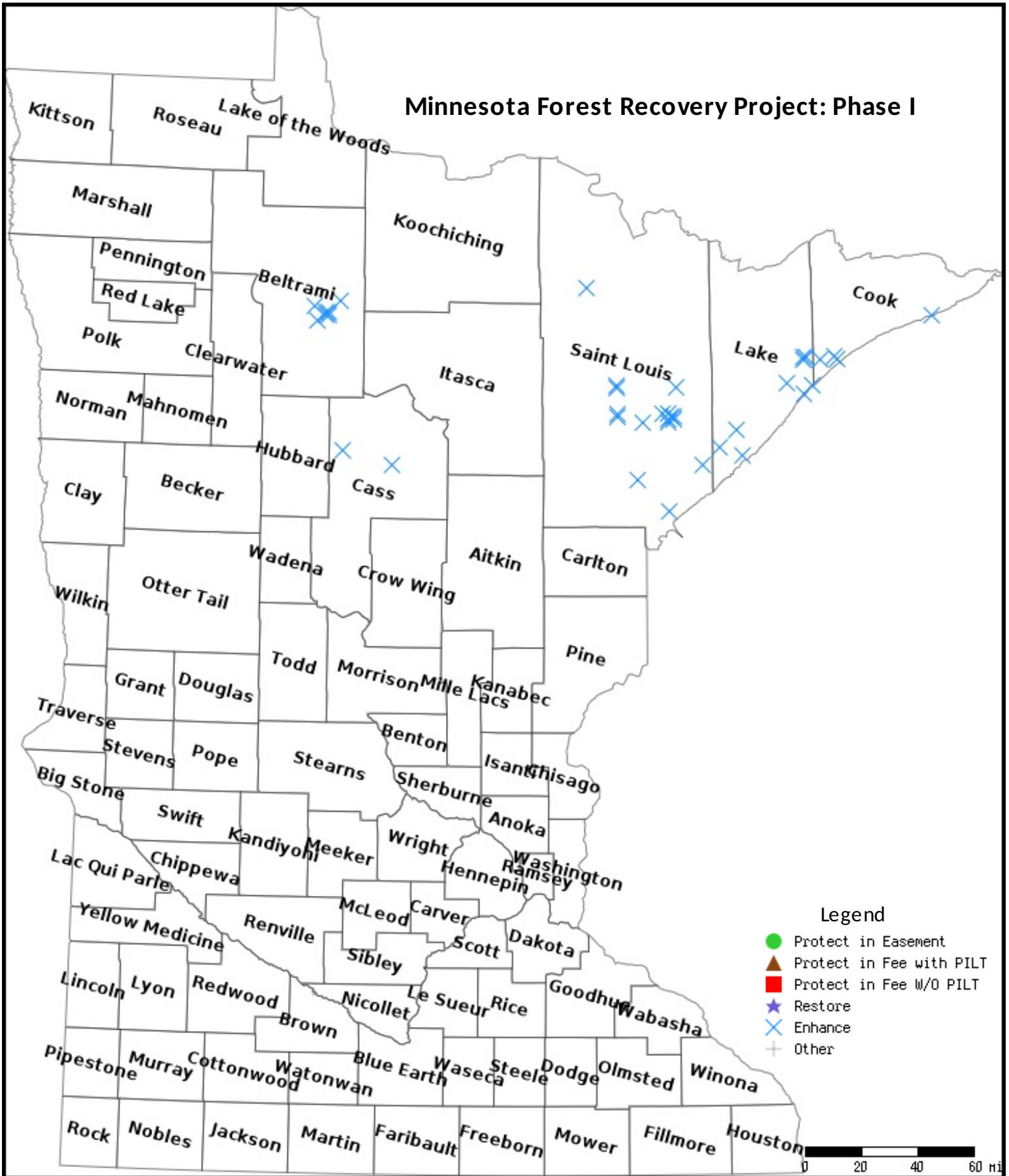
No parcels with an activity type protect and has buildings.

Section 3 - Other Parcel Activity

No parcels with an other activity type.

Parcel Map

Minnesota Forest Recovery Project: Phase I



Data Generated From Parcel List

Lessard-Sams Outdoor Heritage Council Comparison Report

Program Title: 2019 - Minnesota Forest Recovery Project: Phase I

Organization: The Nature Conservancy

Manager: Jim Manolis

Budget

Requested Amount: \$2,996,400

Appropriated Amount: \$1,058,000

Percentage: 35.31%

Budget Item	Total Requested		Total Appropriated		Percentage of Request	
	LSOHC Request	Anticipated Leverage	Appropriated Amount	Anticipated Leverage	Percentage of Request	Percentage of Leverage
Personnel	\$367,600	\$0	\$144,300	\$0	39.25%	-
Contracts	\$1,485,000	\$318,500	\$513,600	\$86,400	34.59%	27.13%
Fee Acquisition w/ PILT	\$0	\$0	\$0	\$0	-	-
Fee Acquisition w/o PILT	\$0	\$0	\$0	\$0	-	-
Easement Acquisition	\$0	\$0	\$0	\$0	-	-
Easement Stewardship	\$0	\$0	\$0	\$0	-	-
Travel	\$11,400	\$0	\$6,100	\$0	53.51%	-
Professional Services	\$0	\$0	\$0	\$0	-	-
Direct Support Services	\$327,600	\$327,600	\$115,600	\$115,600	35.29%	35.29%
DNR Land Acquisition Costs	\$0	\$0	\$0	\$0	-	-
Capital Equipment	\$0	\$0	\$0	\$0	-	-
Other Equipment/Tools	\$0	\$0	\$0	\$0	-	-
Supplies/Materials	\$804,800	\$200,000	\$278,400	\$48,600	34.59%	24.30%
DNR IDP	\$0	\$0	\$0	\$0	-	-
Total	\$2,996,400	\$846,100	\$1,058,000	\$250,600	35.31%	29.62%

How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount?

Scaled back project to lower acreage number, cut some of the higher cost sites.

Output

Table 1a. Acres by Resource Type

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	0	0	-
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	0	0	-
Enhance	6,049	2,465	40.75%

Table 2. Total Funding by Resource Type

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	0	0	-
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	0	0	-
Enhance	2,996,400	1,058,000	35.31%

Table 3. Acres within each Ecological Section

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	0	0	-
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	0	0	-
Enhance	6,049	2,465	40.75%

Table 4. Total Funding within each Ecological Section

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	0	0	-
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	0	0	-
Enhance	2,996,400	1,058,000	35.31%



Lessard-Sams Outdoor Heritage Council

Laws of Minnesota 2019 Accomplishment Plan

Date: December 20, 2018

Program or Project Title: Metro Big Rivers Phase 9

Funds Recommended: \$ 4,163,000

Manager's Name: Deborah Loon

Title: Executive Director

Organization: MN Valley Trust (Metro Big Rivers)

Address: 3815 East American Boulevard

City: Bloomington, MN 55425

Office Number: 612-801-1935

Mobile Number: 612-801-1935

Email: dloon@mnvalleytrust.org

Website: www.mnvalleytrust.org

Legislative Citation: ML 2019, Ch. X, Art. 1, Sec. 2, subd. X(x)

Appropriation Language:

County Locations: Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, Sibley, and Washington.

Eco regions in which work will take place:

- Metro / Urban

Activity types:

- Enhance
- Protect in Easement
- Protect in Fee
- Restore

Priority resources addressed by activity:

- Forest
- Habitat
- Prairie
- Wetlands

Abstract:

Metro Big Rivers Phase 9 will protect 253 acres in fee title and 195 acres in permanent conservation easement, restore 27 acres and enhance 356 acres of priority habitat in the big rivers corridors in the Metropolitan Urbanizing Area (MUA). Metro Big Rivers partners will leverage the OHF at least 16% with partner funds, private funds, local government contributions, and landowner donations of easement value. Significant volunteer engagement will be invested in many habitat enhancement activities, although not technically counted as leverage.

Design and scope of work:

Metro Big Rivers Phase 9 (MBR9) will protect, restore and enhance prioritized wildlife habitat in the MUA, with an emphasis on the Mississippi, Minnesota and St.Croix Rivers and their tributaries. MBR9 benefits wildlife and species in greatest need of conservation, and provides increased public access for wildlife-based recreation. MBR9 partners and projects:

Friends of the Mississippi River (FMR) will restore/enhance 105 acres at 4 projects through invasive species control, seeding and planting native species, mowing and burning:

- Vermillion Linear Park, Dakota County: Restore 27 acres degraded grassland to prairie and enhance 14 acres prairie along 4,263 feet of the Vermillion River
- Hastings River Flats, Dakota County: Enhance 30 acres of prairie and 25 acres oak savanna and floodplain forest along 2,578 feet of the Mississippi River
- Camel's Hump Park and Open Space, Washington County: Enhance 6 acres oak forest
- Settler's Island, Washington County: Enhance 3 acres floodplain forest and wetlands on an island in the Mississippi River with 1,800 feet of shoreland.

FMR also will protect through fee acquisition 53 acres along 2,385 feet of the Mississippi River. The site, part of the former Mississippi Dunes Golf Course, will be put into public ownership, then restored to native prairie and oak savanna. This project will create new wildlife habitat and public access for fishing and boat launching, now lacking for that stretch of the Mississippi River.

Great River Greening (GRG) will enhance 208 acres at 7 projects through invasive species control, tree thinning, prescribed fire, seeding and planting:

- Trout Brook Phase III, Afton, Washington County: Continue re-meandering Trout Brook to improve trout stream habitat and enhance over 11 acres of floodplain adjacent to Phase II
- Lebanon Hills Regional Park Phase III, East Holland Unit, Dakota County: Enhance 70 acres oak savanna and woodland
- Lilydale Bluffs, Ramsey County: Enhance 30 acres of bluff habitat along the Mississippi River
- Springbrook Nature Center, Anoka County: Enhance 56 acres oak savanna
- Minnehaha Creek Big Woods, Hennepin County: Enhance 19 acres maple basswood forest
- Minnehaha Creek Floodplain Meadow Buffer, Hennepin County: Convert 7 acres floodplain old field to a mesic meadow
- Valley Park, Dakota County: Enhance 15 acres oak forest

Minnesota Land Trust (MLT) will protect through perpetual conservation easement 195 acres of priority habitat, including riparian lands, forests, wetlands and grasslands. Projects will be selected through a competitive RFP process that ranks ecological significance and cost (criteria attached). MLT also will enhance 70 acres on private lands already protected through permanent conservation easement. Prioritized properties will be of high ecological significance, adjacent or close to public conservation investments and owned by landowners committed to conservation.

Minnesota Valley Trust (MVT) will protect in fee 200 acres of river frontage, floodplain forest, wetland and upland habitat in the Minnesota River Valley to expand the Minnesota Valley National Wildlife Refuge. All prospective lands have been prioritized by the USFWS and will be restored/enhanced, then open to the public for wildlife-based recreation (hunting, fishing, observation, photography, interpretation and education).

How does the request address MN habitats that have: historical value to fish and wildlife, wildlife species of greatest conservation need, MN County Biological Survey data, and/or rare, threatened and endangered species inventories:

Metro Big Rivers projects protect and improve habitats needed by wildlife species in greatest conservation need (SGCN) and other targeted species. Many of Minnesota's forest and grassland SGCNs are migratory. Improving habitat along the central flyway (the three big rivers) will benefit all wildlife species, especially during critical migration periods.

Friends of the Mississippi River (FMR) will conduct significant habitat work on already-protected conservation lands to improve critical habitat types for wildlife and SGCN in the metropolitan area: savanna, prairie, forest and wetland adjacent to the Mississippi River and the Vermillion River, a tributary to the Mississippi. These activities will improve the habitat for all wildlife, especially birds using the Mississippi River migratory corridor and pollinators.

FMR also will acquire land that has been identified through the Metro Conservation Corridors planning process as important to create wildlife habitat linkages. This plan prioritizes land for high biodiversity, connectivity and ability to preserve habitat for SGCN. The acquisition and subsequent restoration will increase habitat for a variety of species, including grassland birds and SGCN. Protecting this former golf course as a natural area will also improve the water quality of runoff into the river.

Great River Greening will also conduct significant habitat work on already-protected public conservation lands to improve habitat values for wildlife and SGCN, including birds using the Mississippi River migratory corridor and pollinators. Work will restore and enhance riverine, forest, oak savanna, prairie, and wetland habitat at seven conservation sites in the metro area.

Minnesota Land Trust will target its protection and restoration/enhancement action to priority privately-owned lands to permanently protect high-quality upland and shoreland habitats from fragmentation, development, and other impacts that undermine the viability of SGCN and T&E species. Restoration and enhancement of habitat is proposed for lands already protected through easement.

Minnesota Valley Trust will acquire lands identified through the USFWS Comprehensive Conservation Plan for the Minnesota Valley National Wildlife Refuge. This plan prioritizes lands for high biodiversity, connectivity, and ability to preserve habitat for SGCN. Acquisitions and habitat work increase breeding and migratory habitat, protect ecosystems diversity and improve connectivity and resilience.

Describe the science based planning and evaluation model used:

Protection partners prioritize work through science-based processes led by the public entities that own or will own interest in the properties (e.g., MN DNR, USFWS). Plans followed include MBS, RESA, Metropolitan Conservation Corridors, Minnesota State Wildlife Action Plan, and the Comprehensive Conservation Plan for the Minnesota Valley National Wildlife Refuge. Actions are targeted toward building conservation corridors and priority habitat complexes.

The easement partner's competitive RFP process includes a second analysis of all proposed projects submitted by landowners for protection. This assessment evaluates the ecological significance of the proposed parcel, which includes the following three factors:

- Quantity – the size of habitat and/or length of shoreline associated with a parcel, and abundance of Species in Greatest Conservation Need (SGCN) and Threatened & Endangered (T&E) species
- Quality – the condition of the associated habitat and populations of SGCN and T&E species
- Landscape Context – the extent and condition of natural habitat surrounding the parcel, and the degree to which adjacent property has been protected.

Restoration and enhancement partners use science-based criteria to prioritize activities. This includes consideration of the highest quality natural areas (as determined by MBS), as well as prioritization of work within important ecological corridors identified by a coalition of conservation partners and based on rare species and sensitive landscape features. This prioritization ensures that projects reduce fragmentation and link natural areas within already-established corridors. All of the restoration and enhancement sites are located along or near the three big rivers and important tributaries - some of the most important ecological corridors for migrating and sedentary plant and animal life.

Which sections of the Minnesota Statewide Conservation and Preservation Plan are applicable to this program:

- H1 Protect priority land habitats
- H5 Restore land, wetlands and wetland-associated watersheds

Which other plans are addressed in this program:

- Minnesota's Wildlife Action Plan 2015-2025
- Outdoor Heritage Fund: A 25 Year Framework

Which LSOHC section priorities are addressed in this program:

Metro / Urban:

- Protect habitat corridors, with emphasis on the Minnesota, Mississippi, and St. Croix rivers (bluff to floodplain)

Relationship to other funds:

- Not Listed

Does this program include leverage in funds:

Yes

Metro Big Rivers Phase 9 will leverage OHF funds by at least 16% with partner funds, private funds, local government contributions, and landowner donations of easement value. Significant volunteer engagement will be invested in many habitat enhancement activities, although not technically counted as leverage.

Per MS 97A.056, Subd. 24, Any state agency or organization requesting a direct appropriation from the OHF must inform the LSOHC at the time of the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose:

This request does not supplant or substitute for any previous funding.

Describe the source and amount of non-OHF money spent for this work in the past:

Appropriation Year	Source	Amount
2009	Other State Funds	741,058
2011	Local Funds	295,993
2011	Federal Funds	247,907
2011	Private and Other Funds	1,578,572
2012	Other State Funds	244,449
2012	Local Funds	343,234
2012	Federal Funds	70,327
2012	Private and Other Funds	2,063,388
2013	Other State Funds	1,820,284
2013	Local Funds	1,166,826
2013	Federal Funds	153,780
2009	Local Funds	91,972
2013	Private and Other Funds	1,253,038
2014	Other State Funds	1,648,257
2014	Local Funds	516,119
2014	Private and Other Funds	1,931,527
2015	Other State Funds	2,128,751
2015	Local Funds	1,295,000
2015	Private and Other Funds	1,449,198
2016	Other State Funds	856,157
2016	Local Funds	2,161,500
2016	Private and Other Funds	1,609,091
2009	Federal Funds	138,338
2017	Other State Funds	416,860
2017	Local Funds	76,000
2017	Private and Other Funds	1,212,156
2009	Private and Other Funds	940,884
2010	Other State Funds	2,010,658
2010	Local Funds	364,460
2010	Federal Funds	120,662
2010	Private and Other Funds	3,516,521
2011	Other State Funds	1,429,358

How will you sustain and/or maintain this work after the Outdoor Heritage Funds are expended:

All public partners have committed to maintaining the restoration / enhancement habitat improvements after OHF funds are expended. The restore/enhance partners will continue to raise public and private sources to help maintain the work past the grant, and will work cooperatively with partners to ensure the benefits are maintained.

Lands protected through easement will be sustained following best standards and practices. MLT is a nationally-accredited, insured land trust with a stewardship program that includes annual property monitoring, records management, addressing inquiries, tracking ownership changes, investigating potential violations and defending the easement in case of a true violation. In addition, MLT provides habitat management plans to landowners and helps them access resources and technical expertise to undertake restoration, enhancement and property management.

Lands acquired in fee for the Minnesota Valley National Wildlife Refuge will be maintained over the long-term by the USFWS. Habitat restoration/enhancement will be completed by the MVT prior to transfer to the USFWS, which is a critical activity for the future of conservation.

Lands acquired in fee by FMR will be maintained over the long-term by the public partner to which the land will be conveyed. FMR will secure funds to complete initial habitat restoration.

Explain the things you will do in the future to maintain project outcomes:

Year	Source of Funds	Step 1	Step 2	Step 3
2022-25	FMR, GRG & Local Partners	Monitoring and assessment	Target actions to maintain habitat	Take restorative actions, as needed, to correct any damage
2022-25	MLT & Landowner (R/E Projects)	Monitoring and assessment	Target actions to maintain habitat	Take restorative actions, as needed, to correct any damage
2021	MVT (MN Valley Lands, subsidiary) & USFWS	Post property	Development habitat restoration / enhancement and management plan	Conduct initial restoration / enhancement and management activities
2022-25	MVT (MN Valley Lands, subsidiary) & USFWS	Continue restoration / enhancement and management activities	Develop hunting plan, parking lot, signage	Transfer property to USFWS
2021-25	FMR, Public Partner (fee title)	Develop habitat restoration and management plan	Conduct initial restoration and ongoing enhancement / management	Develop fishing access, signage and related
Perpetual	MLT Stewardship & Enforcement Fund	Annual monitoring of completed easements	Enforcement actions, as necessary	

Activity Details:

If funded, this program will meet all applicable criteria set forth in MS 97A.056 - **Yes**

Will there be planting of corn or any crop on OHF land purchased or restored in this program - **No**

Will county board or other local government approval be formally sought prior to acquisition, per 97A.056 subd 13(j) - **No**

We will notify local units of government as required by statute.

Is the land you plan to acquire (fee title) free of any other permanent protection - **Yes**

Is this land currently open for hunting and fishing - **No**

Will the land be open for hunting and fishing after completion - **Yes**

Lands acquired for the Minnesota Valley National Wildlife Refuge (USFWS) will be open for public hunting and fishing according to the National Wildlife Refuge Improvement Act. The lands will be opened through a public process prescribed by the Act. We anticipate hunting and fishing opportunities will be like those already established for lands previously acquired for the Refuge. For specific information, refer to the Refuge's website - http://www.fws.gov/midwest/MinnesotaValley/documents/hunting_regs.pdf.

Lands acquired by Friends of the Mississippi River will be open for fishing.

Who will eventually own the fee title land?

Federal, Local Unit of Government

Land acquired in fee will be designated as a:

National Wildlife Refuge, City Owned (City of Cottage Grove)

What is the anticipated number of closed acquisitions (range is fine) you plan to accomplish with this appropriation?

3-5

Will the eased land be open for public use - **No**

Is the land you plan to acquire (easement) free of any other permanent protection - **Yes**

Who will manage the easement?

Minnesota Land Trust

Who will be the easement holder?

Minnesota Land Trust

What is the anticipated number of easements (range is fine) you plan to accomplish with this appropriation?

MLT expects to close on 1-6 easement acquisitions through this grant. The number of easement acquisitions proposed can vary significantly due to the size and cost of targeted parcels. The maximum number of easements is capped at 6 based on the amount of stewardship funding requested.

Are there currently trails or roads on any of the acquisitions on the parcel list - **Yes**

Describe the types of trails or roads and the allowable uses:

Some parcels acquired by MVT for the MN Valley National Wildlife Refuge may have existing field roads or low maintenance trails. The section of the golf course to be acquired by FMR has an unmarked road and trails and golf cart paths.

Will the trails or roads remain and uses continue to be allowed after OHF acquisition - **Yes**

How will maintenance and monitoring be accomplished:

For the FMR acquisition, the unmarked road would be retained to bring fishing and boating access to the river. The remainder of the trails and golf cart paths would be eliminated during habitat restoration.

Any pre-existing low-maintenance roads and trails on properties acquired for the MN Valley National Wildlife Refuge (USFWS) may be continued under a plan developed for the purpose of property access for habitat maintenance and public use of the property for wildlife-dependent recreation (e.g., hunting and fishing).

Trails and roads on eased lands are identified in the project baseline report and will be monitored annually as part of MLT's stewardship and enforcement protocols. Maintenance of permitted roads or trails in line with the easement terms will be the responsibility of the landowner.

Will new trails or roads be developed or improved as a result of the OHF acquisition - **No**

Will the acquired parcels be restored or enhanced within this appropriation? - **Yes**

A modest amount of R/E funding has been allotted to easements acquired through this grant. These funds will enable MLT to significantly improve the condition and extent of habitat on lands protected through easement, making good projects great.

Funds for fee title acquisition through this appropriation are not allocated to restoration or enhancement of parcels acquired.

Will restoration and enhancement work follow best management practices including MS 84.973 Pollinator Habitat Program - **Yes**

Is the activity on permanently protected land per 97A.056, subd 13(f), tribal lands, and/or public waters per MS 103G.005, Subd. 15 - **Yes (County/Municipal, Private lands under permanent conservation easement)**

Accomplishment Timeline:

Activity	Approximate Date Completed
FMR - Restore 27 acres, enhance 78 acres.	June 2024
GRG - Enhance 208 acres.	June 2024
MLT - Protect 195 acres under conservation easements.	June 2022
MLT - Enhance 70 acres.	June 2024
MVT - Protect 200 acres through fee title acquisition.	June 2022
FMR - Protect 53 acres through fee title acquisition.	June 2022

Date of Final Report Submission: 11/1/2024

Federal Funding:

Do you anticipate federal funds as a match for this program - **No**

Outcomes:

Programs in metropolitan urbanizing region:

- A network of natural land and riparian habitats will connect corridors for wildlife and species in greatest conservation need *Partners*

work together to identify priority lands using existing data and public plans, then coordinate protection, restoration and enhancement activities in those priority areas. Work builds upon prior phases and is intended to continue into the future for maximum impact. Mapping shows progress in connecting corridors. Species collections and counts measure impact of activities over time on wildlife and species of greatest conservation need.

Budget Spreadsheet

Budget reallocations up to 10% do not require an amendment to the Accomplishment Plan

How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount

Outputs were reduced proportionately to the funding that was allocated. The partners have reduced the number of habitat enhancement projects and number of easement and fee title acquisitions.

Total Amount of Request: \$ 4163000

Budget and Cash Leverage

Budget Name	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$289,200	\$114,000	Dakota County, South Washington Watershed District, GRG funds, Cities of Fridley and Mendota Heights, Minnehaha Creek Watershed District, Cities of Cottage Grove and Hastings, Hastings High School Science Program, FMR Stewardship Fund, Karpen Land Fund, CCM	\$403,200
Contracts	\$1,198,600	\$20,000	TBD	\$1,218,600
Fee Acquisition w/ PILT	\$0	\$0		\$0
Fee Acquisition w/o PILT	\$1,070,000	\$205,000	MN Valley Trust	\$1,275,000
Easement Acquisition	\$1,045,000	\$313,000	Private landowners	\$1,358,000
Easement Stewardship	\$144,000	\$0		\$144,000
Travel	\$14,700	\$600	City of Cottage Grove	\$15,300
Professional Services	\$194,500	\$10,000	TBD	\$204,500
Direct Support Services	\$75,900	\$0		\$75,900
DNR Land Acquisition Costs	\$0	\$0		\$0
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$10,200	\$0		\$10,200
Supplies/Materials	\$120,900	\$1,500	NEEF Grant	\$122,400
DNR IDP	\$0	\$0		\$0
Total	\$4,163,000	\$664,100		\$4,827,100

Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
GRG Staff (ecologists, technicians)	0.65	3.00	\$100,400	\$88,100	Dakota County, South Washington Watershed District, GRG funds, Cities of Fridley and Mendota Heights, Minnehaha Creek Watershed District	\$188,500
FMR Staff (2 ecologists, conservation director, bookkeeper)	0.87	3.00	\$27,300	\$25,900	Cities of Cottage Grove and Hastings, Hastings High School Science Program, FMR Stewardship Fund, Karpen Land Fund, CCM	\$53,200
MLT Staff (program manager, legal staff)	0.60	3.00	\$161,500	\$0		\$161,500
Total	2.12	9.00	\$289,200	\$114,000		\$403,200

Budget and Cash Leverage by Partnership

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Great River Greening (GRG)	\$100,400	\$88,100	Dakota County, South Washington Watershed District, GRG funds, Cities of Fridley and Mendota Heights, Minnehaha Creek Watershed District	\$188,500
Contracts	Great River Greening (GRG)	\$743,100	\$20,000	TBD	\$763,100
Fee Acquisition w/ PILT	Great River Greening (GRG)	\$0	\$0		\$0
Fee Acquisition w/o PILT	Great River Greening (GRG)	\$0	\$0		\$0
Easement Acquisition	Great River Greening (GRG)	\$0	\$0		\$0
Easement Stewardship	Great River Greening (GRG)	\$0	\$0		\$0
Travel	Great River Greening (GRG)	\$2,900	\$0		\$2,900
Professional Services	Great River Greening (GRG)	\$100,000	\$10,000	TBD	\$110,000
Direct Support Services	Great River Greening (GRG)	\$32,400	\$0		\$32,400
DNR Land Acquisition Costs	Great River Greening (GRG)	\$0	\$0		\$0
Capital Equipment	Great River Greening (GRG)	\$0	\$0		\$0
Other Equipment/Tools	Great River Greening (GRG)	\$8,200	\$0		\$8,200
Supplies/Materials	Great River Greening (GRG)	\$74,000	\$0		\$74,000
DNR IDP	Great River Greening (GRG)	\$0	\$0		\$0
Total		\$1,061,000	\$118,100		\$1,179,100

Personnel - Great River Greening (GRG)

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
GRG Staff (ecologists, technicians)	0.65	3.00	\$100,400	\$88,100	Dakota County, South Washington Watershed District, GRG funds, Cities of Fridley and Mendota Heights, Minnehaha Creek Watershed District	\$188,500
Total	0.65	3.00	\$100,400	\$88,100		\$188,500

Budget Name	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Friends of Mississippi River (FMR)	\$27,300	\$25,900	Cities of Cottage Grove and Hastings, Hastings High School Science Program, FMR Stewardship Fund, Karpen Land Fund, CCM	\$53,200
Contracts	Friends of Mississippi River (FMR)	\$211,000	\$0		\$211,000
Fee Acquisition w/ PILT	Friends of Mississippi River (FMR)	\$0	\$0		\$0
Fee Acquisition w/o PILT	Friends of Mississippi River (FMR)	\$250,000	\$0		\$250,000
Easement Acquisition	Friends of Mississippi River (FMR)	\$0	\$0		\$0
Easement Stewardship	Friends of Mississippi River (FMR)	\$0	\$0		\$0
Travel	Friends of Mississippi River (FMR)	\$1,800	\$600	City of Cottage Grove	\$2,400
Professional Services	Friends of Mississippi River (FMR)	\$0	\$0		\$0
Direct Support Services	Friends of Mississippi River (FMR)	\$0	\$0		\$0
DNR Land Acquisition Costs	Friends of Mississippi River (FMR)	\$0	\$0		\$0
Capital Equipment	Friends of Mississippi River (FMR)	\$0	\$0		\$0
Other Equipment/Tools	Friends of Mississippi River (FMR)	\$0	\$0		\$0
Supplies/Materials	Friends of Mississippi River (FMR)	\$41,900	\$1,500	NEEF Grant	\$43,400
DNR IDP	Friends of Mississippi River (FMR)	\$0	\$0		\$0
Total		\$532,000	\$28,000		\$560,000

Personnel - Friends of Mississippi River (FMR)

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
FMR Staff (2 ecologists, conservation director, bookkeeper)	0.87	3.00	\$27,300	\$25,900	Cities of Cottage Grove and Hastings, Hastings High School Science Program, FMR Stewardship Fund, Karpen Land Fund, CCM	\$53,200
Total	0.87	3.00	\$27,300	\$25,900		\$53,200

BudgetName	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Minnesota Valley Trust (MVT)	\$0	\$0		\$0
Contracts	Minnesota Valley Trust (MVT)	\$0	\$0		\$0
Fee Acquisition w/ PILT	Minnesota Valley Trust (MVT)	\$0	\$0		\$0
Fee Acquisition w/o PILT	Minnesota Valley Trust (MVT)	\$820,000	\$205,000	MN Valley Trust	\$1,025,000
Easement Acquisition	Minnesota Valley Trust (MVT)	\$0	\$0		\$0
Easement Stewardship	Minnesota Valley Trust (MVT)	\$0	\$0		\$0
Travel	Minnesota Valley Trust (MVT)	\$0	\$0		\$0
Professional Services	Minnesota Valley Trust (MVT)	\$0	\$0		\$0
Direct Support Services	Minnesota Valley Trust (MVT)	\$0	\$0		\$0
DNR Land Acquisition Costs	Minnesota Valley Trust (MVT)	\$0	\$0		\$0
Capital Equipment	Minnesota Valley Trust (MVT)	\$0	\$0		\$0
Other Equipment/Tools	Minnesota Valley Trust (MVT)	\$0	\$0		\$0
Supplies/Materials	Minnesota Valley Trust (MVT)	\$0	\$0		\$0
DNR IDP	Minnesota Valley Trust (MVT)	\$0	\$0		\$0
Total		\$820,000	\$205,000		\$1,025,000

BudgetName	Partnership	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	Minnesota Land Trust (MLT)	\$161,500	\$0		\$161,500
Contracts	Minnesota Land Trust (MLT)	\$244,500	\$0		\$244,500
Fee Acquisition w/ PILT	Minnesota Land Trust (MLT)	\$0	\$0		\$0
Fee Acquisition w/o PILT	Minnesota Land Trust (MLT)	\$0	\$0		\$0
Easement Acquisition	Minnesota Land Trust (MLT)	\$1,045,000	\$313,000	Private landowners	\$1,358,000
Easement Stewardship	Minnesota Land Trust (MLT)	\$144,000	\$0		\$144,000
Travel	Minnesota Land Trust (MLT)	\$10,000	\$0		\$10,000
Professional Services	Minnesota Land Trust (MLT)	\$94,500	\$0		\$94,500
Direct Support Services	Minnesota Land Trust (MLT)	\$43,500	\$0		\$43,500
DNR Land Acquisition Costs	Minnesota Land Trust (MLT)	\$0	\$0		\$0
Capital Equipment	Minnesota Land Trust (MLT)	\$0	\$0		\$0
Other Equipment/Tools	Minnesota Land Trust (MLT)	\$2,000	\$0		\$2,000
Supplies/Materials	Minnesota Land Trust (MLT)	\$5,000	\$0		\$5,000
DNR IDP	Minnesota Land Trust (MLT)	\$0	\$0		\$0
Total		\$1,750,000	\$313,000		\$2,063,000

Personnel - Minnesota Land Trust (MLT)

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
MLT Staff (program manager, legal staff)	0.60	3.00	\$161,500	\$0		\$161,500
Total	0.60	3.00	\$161,500	\$0		\$161,500

Amount of Request: \$4,163,000

Amount of Leverage: \$664,100

Leverage as a percent of the Request: 15.95%

DSS + Personnel: \$365,100

As a % of the total request: 8.77%

How did you determine which portions of the Direct Support Services of your shared support services is direct to this program:

GRG - In process of working with DNR for an approved rate. For this proposal, under guidance from DNR, the DSS rate for GRG is 8% of personnel, contracts (up to a maximum of \$25k/per project site) and materials.

MLT - Process approved by the DNR on March 17, 2017. MLT's DSS rate includes the allowable direct and necessary expenditures that are not captured in other line items in the budget. This is similar to MLT's proposed federal indirect rate. MLT will apply this DNR-approved rate only to personnel expenses.

These approved rates do not include costs that were otherwise included in other budget line items.

What is included in the contacts line?

Contracts for writing habitat management plans, conducting landowner outreach via SWCDs, and completing restoration/enhancement activities.

Does the amount in the travel line include equipment/vehicle rental? - Yes

Explain the amount in the travel line outside of traditional travel costs of mileage, food, and lodging:

MLT staff rent vehicles for grant-related purposes.

Describe and explain leverage source and confirmation of funds:

FMR and GRG have secured commitments from local partners, foundations, other private sources and their own organizations as leverage. MLT encourages landowners (and has a track record of success) to make a full or partial donation of easement value. MVT has committed its own private funds as leverage.

What is the cost per easement for stewardship and explain how that amount is calculated?

MLT easement stewardship cost is based on a number of factors, including: 1) easement administration & management, 2) monitoring, 3) updating of monitoring workbooks and baseline documentation reports, 4) encouraging voluntary compliance, 5) addressing potential violations, and 6) legal enforcement. The current cost is set at \$24,000/easement.

Output Tables

Table 1a. Acres by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	0	27	0	0	27
Protect in Fee with State PILT Liability	0	0	0	0	0
Protect in Fee W/O State PILT Liability	80	76	97	0	253
Protect in Easement	0	0	0	195	195
Enhance	0	107	168	81	356
Total	80	210	265	276	831

Table 1b. How many of these Prairie acres are Native Prairie?

Type	Native Prairie
Restore	0
Protect in Fee with State PILT Liability	0
Protect in Fee W/O State PILT Liability	0
Protect in Easement	0
Enhance	0
Total	0

Table 2. Total Funding by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$0	\$120,600	\$0	\$0	\$120,600
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$328,000	\$330,000	\$412,000	\$0	\$1,070,000
Protect in Easement	\$0	\$0	\$0	\$1,483,600	\$1,483,600
Enhance	\$0	\$131,000	\$672,900	\$684,900	\$1,488,800
Total	\$328,000	\$581,600	\$1,084,900	\$2,168,500	\$4,163,000

Table 3. Acres within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	27	0	0	0	0	27
Protect in Fee with State PILT Liability	0	0	0	0	0	0
Protect in Fee W/O State PILT Liability	253	0	0	0	0	253
Protect in Easement	195	0	0	0	0	195
Enhance	356	0	0	0	0	356
Total	831	0	0	0	0	831

Table 4. Total Funding within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	\$120,600	\$0	\$0	\$0	\$0	\$120,600
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$1,070,000	\$0	\$0	\$0	\$0	\$1,070,000
Protect in Easement	\$1,483,600	\$0	\$0	\$0	\$0	\$1,483,600
Enhance	\$1,488,800	\$0	\$0	\$0	\$0	\$1,488,800
Total	\$4,163,000	\$0	\$0	\$0	\$0	\$4,163,000

Table 5. Average Cost per Acre by Resource Type

Type	Wetlands	Prairies	Forest	Habitats
Restore	\$0	\$4467	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$4100	\$4342	\$4247	\$0
Protect in Easement	\$0	\$0	\$0	\$7608
Enhance	\$0	\$1224	\$4005	\$8456

Table 6. Average Cost per Acre by Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest
Restore	\$4467	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$4229	\$0	\$0	\$0	\$0
Protect in Easement	\$7608	\$0	\$0	\$0	\$0
Enhance	\$4182	\$0	\$0	\$0	\$0

Automatic system calculation / not entered by managers

Target Lake/Stream/River Feet or Miles

3 miles

Parcel List

For restoration and enhancement programs ONLY: Managers may add, delete, and substitute projects on this parcel list based upon need, readiness, cost, opportunity, and/or urgency so long as the substitute parcel/project forwards the constitutional objectives of this program in the Project Scope table of this accomplishment plan. The final accomplishment plan report will include the final parcel list.

Section 1 - Restore / Enhance Parcel List

Anoka

Name	TRDS	Acres	Est Cost	Existing Protection?
G RG - Springbrook Nature Center Phase III	03024203	56	\$49,000	Yes

Dakota

Name	TRDS	Acres	Est Cost	Existing Protection?
FMR - Hastings River Flats	11517221	55	\$81,300	Yes
FMR - Vermillion Linear Park	11517233	41	\$128,500	Yes
G RG - Lebanon Hills Parks: Holland Lake Unit	027230235	70	\$341,000	Yes
G RG - Valley Park	02823223	15	\$57,500	Yes

Hennepin

Name	TRDS	Acres	Est Cost	Existing Protection?
G RG - Minnehaha Creek Big Woods	11724214	19	\$50,000	Yes
G RG - Minnehaha Creek Floodplain Meadow Buffer	11722216	7	\$23,000	Yes

Ramsey

Name	TRDS	Acres	Est Cost	Existing Protection?
G RG - Lilydale Bluffs	02823212	15	\$53,000	Yes

Washington

Name	TRDS	Acres	Est Cost	Existing Protection?
FMR - Camels Hump Park and Open Space	02721208	6	\$40,400	Yes
FMR - Settlers Island	02721230	3	\$31,800	Yes
G RG - Trout Brook Afton Phase III	02720202	11	\$417,000	Yes

Section 2 - Protect Parcel List

Carver

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
MVT - Rapids Lake Unit Addition, MN Valley National Wildlife Refuge	11423206	118	\$1,062,000	No	Full	Full
MVT - San Francisco Unit Addition, Minnesota Valley National Wildlife Refuge	11424201	168	\$588,000	No	Full	Full

Scott

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
MVT - Blakely Unit Addition, MN Valley National Wildlife Refuge	11326236	100	\$300,000	No	Full	Full

Sibley

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
MVT - Jessenland Unit Addition, MN Valley National Wildlife Refuge	11326213	100	\$300,000	No	Full	Full

Section 2a - Protect Parcel with Bldgs

Washington

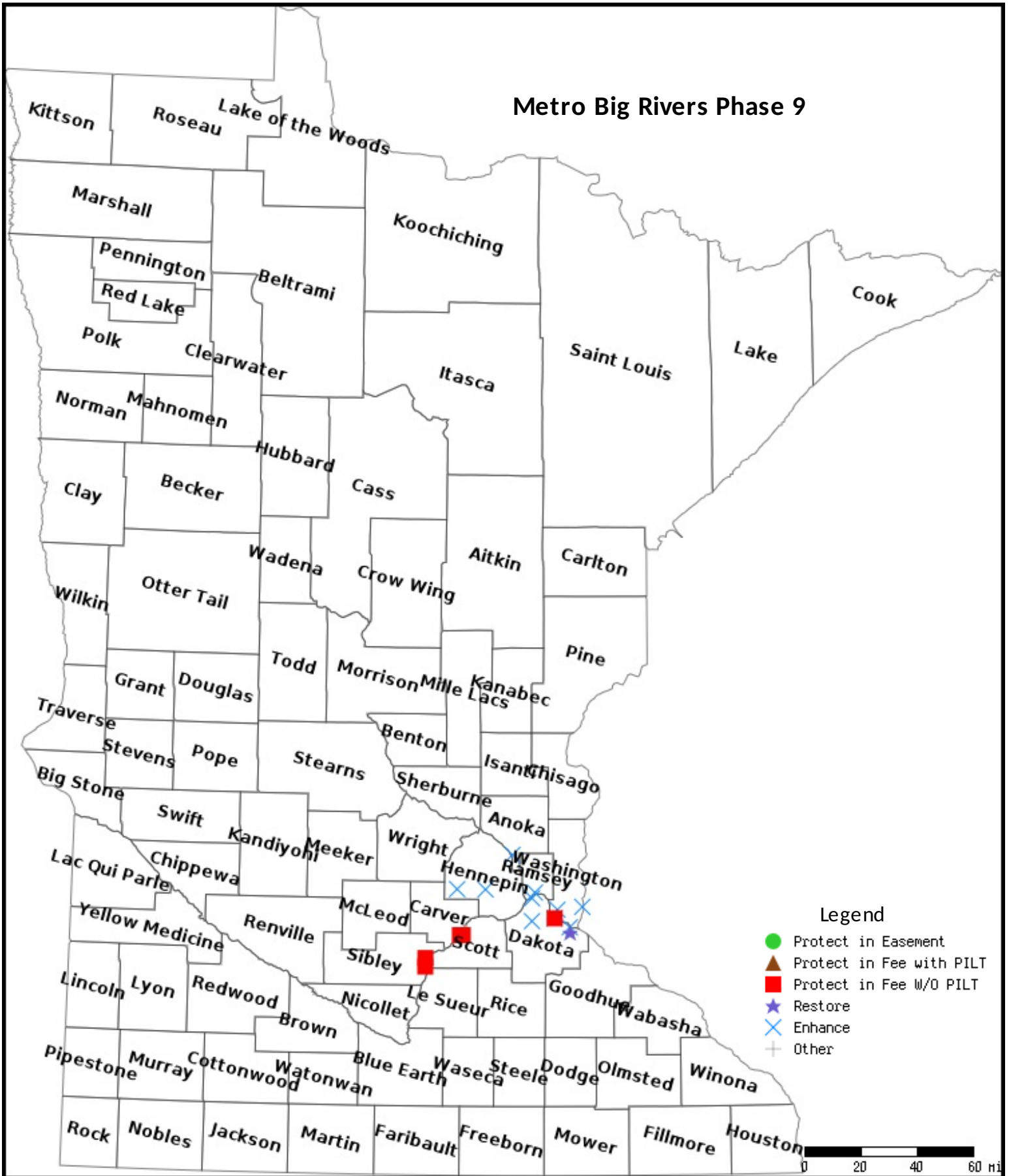
Name	TRDS	Acres	EstCost	# Bldgs?	Bldg Improve Desc	Value of Bldg	Disposition of Improvements
FMR- Mississippi Dunes	02721230	53	\$250,000	1	Former Golf Club House is located near where fishing access could be added.	\$0	

Section 3 - Other Parcel Activity

No parcels with an other activity type.

Parcel Map

Metro Big Rivers Phase 9



Data Generated From Parcel List

Lessard-Sams Outdoor Heritage Council Comparison Report

Program Title: 2019 - Metro Big Rivers Phase 9
Organization: MN Valley Trust (Metro Big Rivers)
Manager: Deborah Loon

Budget

Requested Amount: \$6,883,400
 Appropriated Amount: \$4,163,000
 Percentage: 60.48%

Budget Item	Total Requested		Total Appropriated		Percentage of Request	
	LSOHC Request	Anticipated Leverage	Appropriated Amount	Anticipated Leverage	Percentage of Request	Percentage of Leverage
Personnel	\$379,600	\$139,600	\$289,200	\$114,000	76.19%	81.66%
Contracts	\$1,367,000	\$20,000	\$1,198,600	\$20,000	87.68%	100.00%
Fee Acquisition w/ PILT	\$0	\$0	\$0	\$0	-	-
Fee Acquisition w/o PILT	\$1,596,500	\$350,000	\$1,070,000	\$205,000	67.02%	58.57%
Easement Acquisition	\$2,800,000	\$840,000	\$1,045,000	\$313,000	37.32%	37.26%
Easement Stewardship	\$240,000	\$0	\$144,000	\$0	60.00%	-
Travel	\$15,400	\$0	\$14,700	\$600	95.45%	-
Professional Services	\$292,000	\$10,000	\$194,500	\$10,000	66.61%	100.00%
Direct Support Services	\$79,000	\$0	\$75,900	\$0	96.08%	-
DNR Land Acquisition Costs	\$3,500	\$0	\$0	\$0	0.00%	-
Capital Equipment	\$0	\$0	\$0	\$0	-	-
Other Equipment/Tools	\$10,500	\$0	\$10,200	\$0	97.14%	-
Supplies/Materials	\$99,900	\$2,000	\$120,900	\$1,500	121.02%	75.00%
DNR IDP	\$0	\$0	\$0	\$0	-	-
Total	\$6,883,400	\$1,361,600	\$4,163,000	\$664,100	60.48%	48.77%

How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount?

Outputs were reduced proportionately to the funding that was allocated. The partners have reduced the number of habitat enhancement projects and number of easement and fee title acquisitions.

Output

Table 1a. Acres by Resource Type

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	27	27	100.00%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	323	253	78.33%
Protect in Easement	520	195	37.50%
Enhance	356	356	100.00%

Table 2. Total Funding by Resource Type

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	120,600	120,600	100.00%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	1,600,000	1,070,000	66.88%
Protect in Easement	3,572,000	1,483,600	41.53%
Enhance	1,590,800	1,488,800	93.59%

Table 3. Acres within each Ecological Section

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	27	27	100.00%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	323	253	78.33%
Protect in Easement	520	195	37.50%
Enhance	356	356	100.00%

Table 4. Total Funding within each Ecological Section

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	120,600	120,600	100.00%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	1,600,000	1,070,000	66.88%
Protect in Easement	3,572,000	1,483,600	41.53%
Enhance	1,590,800	1,488,800	93.59%



Lessard-Sams Outdoor Heritage Council

Laws of Minnesota 2019 Accomplishment Plan

Date: December 21, 2018

Program or Project Title: Dakota County Habitat Protection/Restoration Phase VII

Funds Recommended: \$ 3,516,000

Manager's Name: Lisa West

Organization: Dakota County

Address: 14955 Galaxie Avenue

City: Apple Valley, MN 55124

Office Number: 952-891-7018

Mobile Number: 651-587-8278

Email: lisa.west@co.dakota.mn.us

Legislative Citation: ML 2019, Ch. X, Art. 1, Sec. 2, subd, X(x)

Appropriation Language:

County Locations: Dakota

Eco regions in which work will take place:

- Metro / Urban
- Southeast Forest

Activity types:

- Protect in Easement
- Protect in Fee
- Restore

Priority resources addressed by activity:

- Forest
- Habitat
- Prairie
- Wetlands

Abstract:

This project will restore approximately 474 acres of permanently protected habitats, and acquire approximately 420 acres of permanent conservation easements and/or fee title lands. Project sites include converting cultivated areas to wetlands in the southern two-thirds of the County, and various habitats, including forest, grassland, riparian areas, and other wetlands throughout the County. This initiative includes identified sites and flexibility for opportunities that will arise. This project will allow the County to continue its integrated comprehensive and successful land conservation efforts through its partnership with the LSOHC and others.

Design and scope of work:

Historic settlement, modern-day development, and agriculture have replaced, degraded and fragmented natural resource systems throughout Dakota County. Nearly every monitored waterbody in the County is impaired, and many habitats have been reduced to small pocket remnants. The County encompasses a wealth of high-quality soils and a vibrant agricultural economy. And even with conservative, the potential changes that could result from climate change should be considered. These large-scale impacts and trends require a comprehensive, collaborative, long-term approach to maintain and improve the County's natural resource heritage and associated benefits. Sound plans have been adopted that collectively focus on protecting and improving the natural infrastructure.

The project scope and scale encompass some of the best natural resource features found in the metropolitan region, across urban, suburban and rural landscapes. A sound fiscal and prescriptive ecological systems approach to conservation, attempts to balance the interests, rights and responsibilities of private landowners, with the public's concerns about water and habitat quality and protection.

The County effectively works with a variety of agencies, jurisdictions and organizations to implement land protection. Beginning in 2003, the County implemented its Farmland and Natural Areas Program, following two years of LCMR-funded plan development. This and other programs are now blended into a comprehensive Land Conservation Program; through which, the County developed conservation policy project evaluation criteria, and practices to acquire, monitor and administer 112 conservation easements, totaling 9,534 acres, and to assist other public entities in acquiring 20 properties totaling 1,989 acres. In 2017, the County Board approved a Natural Resource Management System Plan to restore, enhance and maintain the majority of natural resources within its parks, greenways, and conservation easements. In 2018, the County began developing a next generation, Land Conservation Plan to identify, coordinate, and prioritize future land protection and management needs on public and private properties throughout the County.

All permanent easements require Natural Resource Management Plans (NRMPs) that reflect existing ecosystem health and recommend potential restoration management strategies, including workplans and budgets. A Natural Resource Management Agreement (MA) is signed by the landowner and County, identifying NRMP priorities, activities, responsibilities, shared costs, and schedules. The proposed habitat restoration and enhancement projects in this funding request are based on these workplans. This project has direct benefits to fish, game, and wildlife, beyond the increased and interconnected terrestrial habitat.

The proposed and anticipated acquisition projects involve riparian areas along the Minnesota, Mississippi, and Cannon rivers (including Dutch, Mud, Chub, Darden and Pine Creeks, and Trout Brook) and Vermillion River (including North, Middle and South Creeks, the South Branch and tributaries), and shoreland along Chub and Marcott lakes. Additional habitat focuses include woodlands, wetlands, hydric soil areas, and unique landscape features and ecosystems.

Environmental Audits and/or Phase I Assessments are completed for all projects, resulting in waste removal, well sealing, and septic system upgrades, if needed, as program participation conditions. Baseline Property Reports are prepared; and each permanent easement is annually monitored. Project information is entered into a data base.

How does the request address MN habitats that have: historical value to fish and wildlife, wildlife species of greatest conservation need, MN County Biological Survey data, and/or rare, threatened and endangered species inventories:

The proposal integrates a number of state and regional County plans, involving different aspects of habitat and wildlife. In 2017, the County Board approved a Natural Resource Management System Plan (NRMS) for all regional parks, regional greenways and conservation easements located throughout the County. Vegetation, water, and wildlife were the three main elements for each land type. The NRMS identified rare and endangered species, and species of greatest conservation need throughout the County, based on different data sources. The NRMS includes different Natural Resource Management Plan (NRMP) templates of each property type that will provide much more detail for individual sites that typically include a variety of habitat and plant community types. The County will prioritize the habitats preferred by these species for acquisition, restoration and enhancement activities. These habitats and associated species include, but are not limited to: Forest - northern long-eared bat, American woodcock, oven bird, rose-breasted grosbeak, least flycatcher, red-shouldered hawk; Prairies and Grasslands- badger, Franklin's ground squirrel, prairie vole, loggerhead shrike, eastern meadowlark, grasshopper sparrow and regal fritillary; Lakes, Ponds and Rivers - common snapping turtle and smooth soft shell turtle; Wetlands - sedge wren, sand hill crane, Blanding's turtle, and dragonflies. The County continues to assemble baseline data and will prioritize the habitats preferred by these species for acquisition, restoration and enhancement activities.

Describe the science based planning and evaluation model used:

There was significant overlap between the County Biological Survey, the 2002 Farmland and Natural Area Protection Plan, and the Metro Conservation Corridors in identifying habitat complexes and key corridors. Based on updated land cover mapping, DNR rare species data, the Vermillion Corridor Plan, new SNA analysis, previously protected areas, County and local comprehensive plans, watershed plans, and park and greenway plans, the County has refined its priority natural areas and the Metro Conservation Corridor Focus Areas. Using Dakota County's premier Geographic Information Systems (GIS) tools and expertise, County staff can further prioritize areas where important protection and improvement opportunities exist, using other available data layers, such as ownership parcels, soils, aspect, historical photography, and LIDAR. Project selection criteria have been revised to reflect this refined vision, and further refinements will occur as up-to-date information and data are collected.

A substantial portion of the County has had its original natural landscape significantly altered through agriculture. Extensive wetland areas were drained, filled, and tiled. In 2018, County staff consulted with BWSR and DNR staff to use new LiDAR-based GIS tools to target wetland restoration projects within Dakota County. The tools require a hydrologically-conditioned digital elevation model (DEM) that was previously unavailable within the County. Dakota County Environmental Resources staff created a "base-level" hydrologically-conditioned DEM and ran a series of ArcGIS tools developed by the DNR/BWSR. The GIS tools predicted hydric soils and wetlands via

the Compound Topographic Index, smoothed ditches, and created ditch plugs in the landscape to generate storage areas. The resulting areas were inventoried and prioritized based on area (acres) and volume (acre-feet). Then, a GIS dataset of known cultivated hydric soils developed by the Dakota Soil and Water Conservation District was used to narrow the inventory further. Finally, a map of restoration sites and list of property owners in 4,502 acres was developed for restoration program implementation.

Which sections of the Minnesota Statewide Conservation and Preservation Plan are applicable to this program:

- H1 Protect priority land habitats
- H5 Restore land, wetlands and wetland-associated watersheds

Which other plans are addressed in this program:

- Minnesota's Wildlife Management Area Acquisition - The Next 50 Years
- Outdoor Heritage Fund: A 25 Year Framework

Which LSOHC section priorities are addressed in this program:

Metro / Urban:

- Protect habitat corridors, with emphasis on the Minnesota, Mississippi, and St. Croix rivers (bluff to floodplain)

Southeast Forest:

- Protect, enhance, and restore habitat for fish, game, and nongame wildlife in rivers, cold-water streams, and associated upland habitat

Relationship to other funds:

- Environmental and Natural Resource Trust Fund
- Parks and Trails Fund

Describe the relationship of the funds:

The County has applied for and been awarded a number of ENRTF grants primarily for planning purposes in the past. The County has used Conservation Partners Legacy Funds for individual, smaller restoration and enhancement projects in Regional Parks and Regional Park Reserves. The County now completes an individual NRMP with each new park Master Plan update to ensure natural resource protection and improvements are priorities. Recently, \$150,000 of county funds per year has been dedicated as part of the base natural resource management budget for restoration projects in regional parks. The County has used Parks and Trails Legacy funds primarily for regional greenway capital improvements in order to leverage significant federal funding to implement the County's 200-mile multi-purpose greenway vision. This funding initiative is designed to protect two of the few remaining trout streams in the metro area by working in the watershed and to model these practices for other portions of the state to increase habitat, improve water quality and reduce erosion and flooding.

Does this program include leverage in funds:

Yes

Dakota County proposes to provide up to a 29 percent cash match or \$720,000. These County funds would become part of an approved five-year County Capital Improvement Program budget. In addition, the County will also provide all County staff time as an in-kind match, up to 17.5 percent match, including staff from Environmental Resources, Survey, GIS, County Attorney's Office, Financial Services, and Administration. The County estimates its in-kind staff contribution will equate to 1.5 FTEs each year, for five years, or an approximate value of \$420,000.

Other leveraged funds could include landowner donations of easement or fee title value, typically at least ten percent of the total easement value for acquisitions. In addition, landowner contributions are required for restoration and ongoing management of County easement property, and would range between 10 and 25 percent of estimated costs.

Per MS 97A.056, Subd. 24, Any state agency or organization requesting a direct appropriation from the OHF must inform the LSOHC at the time of the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was

used for the same purpose:

Dakota County's request for funding is not supplanting, nor is it a substitution for any previous funding that was not from a legacy fund.

Describe the source and amount of non-OHF money spent for this work in the past:

Not Listed

How will you sustain and/or maintain this work after the Outdoor Heritage Funds are expended:

The Dakota County Board has maintained a remarkable, 16-year commitment to land conservation, and recently established "a healthy environment and quality natural areas" as one of four priority goals. Adopting a comprehensive land conservation vision, expanding dedicated natural resource staff, reorganizing departments to effectively achieve land conservation goals, approving capital improvement program budgets, and providing an operating budget for annual monitoring, are further evidence that the County has the interest, capacity and commitment to sustain this work. The County's Natural Resource Management System Plan commits to maintaining areas after restoration and enhancement investments are made.

Approximately half the land protection/restoration work will occur on public lands and half on private lands, all designed to achieve maximum, fiscally efficient, conservation benefits. Relationship building, developing and implementing NRMPs and Management Agreements, and annual monitoring, provide opportunities to share updated natural resource information and best management practices with landowners, and achieve a higher likelihood of increased private stewardship. The Natural Resource Management System Plan, using a public/private cost-share formula, is further testament to this commitment. This comprehensive wildlife habitat and water quality approach on public and private lands provides the best opportunity to effectively protect and improve these community assets.

Explain the things you will do in the future to maintain project outcomes:

Year	Source of Funds	Step 1	Step 2	Step 3
2019	State, County, landowner or other project partner contribution	Restore and enhance existing and newly protected lands, and acquire easements and/or fee title	Monitor easements and restoration projects, and use adaptive management for restoration and enhancement activities	Monitor required landowner maintenance of restored areas over at least the next three years
2020	State, County, landowner or other project partner contribution	Restore and enhance existing and newly protected lands, and acquire easements and fee title	Monitor easements and restoration projects and use adaptive management for future restoration and enhancement activities	Monitor required landowner maintenance of restored areas over at least the next three years
2021	State, County, landowner or other project partner contribution	Restore and enhance existing and newly protected lands, and acquire easements and/or fee title	Monitor easements and restoration projects, and use adaptive management for restoration and enhancement activities	Monitor required landowner maintenance of restored areas over at least the next three years
2022	State, County, landowner or other project partner contribution	Restore and enhance existing and newly protected lands, and acquire easements and/or fee title	Monitor easements and restoration projects, and use adaptive management for restoration and enhancement activities	Monitor required landowner maintenance of restored areas over at least the next three years
2023	State, County, landowner or other project partner contribution	Restore and enhance existing and newly protected lands, and acquire easements or fee title	Monitor easements and restoration projects, and use adaptive management for restoration and enhancement activities	Monitor required landowner maintenance of restored areas over at least the next three years

Activity Details:

If funded, this program will meet all applicable criteria set forth in MS 97A.056 - **Yes**

Will there be planting of corn or any crop on OHF land purchased or restored in this program - **Yes**

Explain

There may be situations where portions of the property may be cultivated. As part of a negotiated sale, the owner may be allowed to continue cultivating the same land for a short, defined period of time as defined and allowed in the Natural Resource Management Plan (NRMP). In other situations it may be advantageous to allow a final soybean crop, which can enhance the

restoration process, by reducing weeds and residue. Also, in some NRMP-approved situations, food plots for wildlife are allowed within a natural area easement.

Will county board or other local government approval be formally sought prior to acquisition, per 97A.056 subd 13(j) - **No**

The County has excellent working relationships with its' cities and townships. Coordination takes place for each project with the respective jurisdiction. However, the County Board has historically not required respective jurisdictional approval if a private landowner desires to convey an easement to the County.

County Board approval is ultimately sought for each acquisition.

Is the land you plan to acquire (fee title) free of any other permanent protection - **Yes**

Is this land currently open for hunting and fishing - **Yes**

Private lands with easements may be open for hunting and fishing at the discretion of the landowner, but are subject to local ordinances.

Many public lands are also open for hunting and fishing, but are also subject to local ordinances.

If land is acquired in fee title, ownership would be transferred to the MN DNR and would be open for hunting. Fishing would not be included, because there is no open water located in the proposed acquisition area.

Will the land be open for hunting and fishing after completion - **Yes**

Land protected through partial OH funding may be open to hunting and fishing as appropriate, based on whether or not it remains in private ownership or becomes public land. Individual landowner consent would be required on private lands. In all cases, the types of hunting (i.e., bow or firearm) and fishing will be allowed only per local ordinances.

Who will eventually own the fee title land?

State of MN

Land acquired in fee will be designated as a:

WMA

What is the anticipated number of closed acquisitions (range is fine) you plan to accomplish with this appropriation?

1 - 3

Will the eased land be open for public use - **Yes**

The County has acquired some easements that are open for limited public use. In all cases, the decision to allow public use is determined by the landowner, and is often granted to responsible, conservation-minded and purposed groups and individuals.

Is the land you plan to acquire (easement) free of any other permanent protection - **Yes**

Who will manage the easement?

Dakota County

Who will be the easement holder?

Dakota County

What is the anticipated number of easements (range is fine) you plan to accomplish with this appropriation?

5 - 10

Are there currently trails or roads on any of the acquisitions on the parcel list - **Yes**

Describe the types of trails or roads and the allowable uses:

In some cases there are existing soft-surface trails and non paved roads used for personal recreation or to access portions of the property for various purposes.

Continued use is allowed, as defined by the easement and the NRMP, provided that such use does not compromise the conservation intent of the easement or the NRMP.

Will the trails or roads remain and uses continue to be allowed after OHF acquisition - **Yes**

How will maintenance and monitoring be accomplished:

Existing soft-surface roads or trails may be retained, improved, removed or relocated. The new underlying fee owner of public land will be responsible for all maintenance and as included in a jointly developed NRMP. On easement land, the underlying fee owner is responsible for maintenance, but any changes to the existing trails or roads are subject to review and approval by the County. Review of trails and roads are part of the County's annual monitoring process.

Will new trails or roads be developed or improved as a result of the OHF acquisition - **Yes**

Describe the types of trails or roads and the allowable uses:

It is possible that some acquisition projects may result in the creation of new, soft surface trails for low-impact recreational use by landowner and/or allowed guests, and in part, to assist in access for natural resource management.

How will maintenance and monitoring be accomplished:

The landowner will be responsible for all maintenance. A jointly developed NRMP will determine any changes to trails and roads. Review of trails and roads are part of the County's annual monitoring process.

Will the acquired parcels be restored or enhanced within this appropriation? - **Yes**

Initial restoration activities would be planned prior to closing on an acquired easement.

Will restoration and enhancement work follow best management practices including MS 84.973 Pollinator Habitat Program - **Yes**

Is the activity on permanently protected land per 97A.056, subd 13(f), tribal lands, and/or public waters per MS 103G.005, Subd. 15 - **Yes (WMA, SNA, AMA, Permanently Protected Conservation EasementsCounty/Municipal, Public Waters)**

Accomplishment Timeline:

Activity	Approximate Date Completed
Easement or Fee Title Acquisition	June 30, 2023
Restoration	June 30, 2023

Date of Final Report Submission: 11/1/2023

Federal Funding:

Do you anticipate federal funds as a match for this program - **No**

Outcomes:

Programs in metropolitan urbanizing region:

- A network of natural land and riparian habitats will connect corridors for wildlife and species in greatest conservation need *The County developed an integrated, long-term habitat protection system involving public and private lands to provide multiple public benefits. Enlarging and improving existing protected habitat complexes and providing key connections will continue to be a focus, with protected acres and shoreline as success indicators. The County will prioritize land protection and improvement efforts, in part, based on wildlife species by devoting staff time and resources to create baseline wildlife and habitat quality information and monitoring indicator and other species seasonally/annually to determine if our efforts are producing the desired results over time and to adapt or re-prioritize as appropriate.*

Programs in southeast forest region:

- Healthier populations of endangered, threatened, and special concern species as well as more common species *A small portion of the County is included in this region. Enlarging and improving existing protected habitat complexes and providing key connections will continue to be a focus, with protected acres and shoreline as success indicators. The County will prioritize its land protection and improvement efforts, in part, based on priority wildlife species. It will devote staff time and resources to create baseline wildlife and habitat quality information and monitoring indicator and other species seasonally/annually to determine if our efforts are producing the desired results over time and to adapt or re-prioritize as appropriate.*

Budget Spreadsheet

Budget reallocations up to 10% do not require an amendment to the Accomplishment Plan

How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount

Dakota County scaled back planned acquisitions and restoration activities to fit within the reduced, proposed funding amount. Dakota County also scaled back its proposed cash match and the amount of in-kind staff time match to reflect the lesser amount of work that would be associated with the reduced grant funding.

Total Amount of Request: \$ 3516000

Budget and Cash Leverage

BudgetName	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$0	\$0		\$0
Contracts	\$1,280,000	\$311,500	Dakota County	\$1,591,500
Fee Acquisition w/ PILT	\$70,000	\$17,500	Dakota County	\$87,500
Fee Acquisition w/o PILT	\$600,000	\$150,000	Dakota County	\$750,000
Easement Acquisition	\$1,445,000	\$361,500	Dakota County	\$1,806,500
Easement Stewardship	\$0	\$0		\$0
Travel	\$0	\$0		\$0
Professional Services	\$120,000	\$38,500	Dakota County	\$158,500
Direct Support Services	\$0	\$0		\$0
DNR Land Acquisition Costs	\$1,000	\$0		\$1,000
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$0	\$0		\$0
Supplies/Materials	\$0	\$0		\$0
DNR IDP	\$0	\$0		\$0
Total	\$3,516,000	\$879,000		\$4,395,000

Amount of Request: \$3,516,000

Amount of Leverage: \$879,000

Leverage as a percent of the Request: 25.00%

DSS + Personnel: \$0

As a % of the total request: 0.00%

What is included in the contacts line?

All expenses associated with restoration activities.

Describe and explain leverage source and confirmation of funds:

Dakota County is the leverage source. The County funding is included in current, and will be included in future, County Board-approved, annual budgets. The County also anticipates additional leverage through landowner easement value donation.

Output Tables

Table 1a. Acres by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	195	0	103	176	474
Protect in Fee with State PILT Liability	0	0	20	0	20
Protect in Fee W/O State PILT Liability	0	0	0	140	140
Protect in Easement	210	0	40	10	260
Enhance	0	0	0	0	0
Total	405	0	163	326	894

Table 2. Total Funding by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$546,000	\$0	\$374,000	\$480,000	\$1,400,000
Protect in Fee with State PILT Liability	\$0	\$0	\$71,000	\$0	\$71,000
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$600,000	\$600,000
Protect in Easement	\$1,095,000	\$0	\$310,000	\$40,000	\$1,445,000
Enhance	\$0	\$0	\$0	\$0	\$0
Total	\$1,641,000	\$0	\$755,000	\$1,120,000	\$3,516,000

Table 3. Acres within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	230	0	244	0	0	474
Protect in Fee with State PILT Liability	20	0	0	0	0	20
Protect in Fee W/O State PILT Liability	140	0	0	0	0	140
Protect in Easement	210	0	50	0	0	260
Enhance	0	0	0	0	0	0
Total	600	0	294	0	0	894

Table 4. Total Funding within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	\$634,000	\$0	\$766,000	\$0	\$0	\$1,400,000
Protect in Fee with State PILT Liability	\$71,000	\$0	\$0	\$0	\$0	\$71,000
Protect in Fee W/O State PILT Liability	\$600,000	\$0	\$0	\$0	\$0	\$600,000
Protect in Easement	\$1,195,000	\$0	\$250,000	\$0	\$0	\$1,445,000
Enhance	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$2,500,000	\$0	\$1,016,000	\$0	\$0	\$3,516,000

Table 5. Average Cost per Acre by Resource Type

Type	Wetlands	Prairies	Forest	Habitats
Restore	\$2800	\$0	\$3631	\$2727
Protect in Fee with State PILT Liability	\$0	\$0	\$3550	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$4286
Protect in Easement	\$5214	\$0	\$7750	\$4000
Enhance	\$0	\$0	\$0	\$0

Table 6. Average Cost per Acre by Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest
Restore	\$2757	\$0	\$3139	\$0	\$0
Protect in Fee with State PILT Liability	\$3550	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$4286	\$0	\$0	\$0	\$0
Protect in Easement	\$5690	\$0	\$5000	\$0	\$0
Enhance	\$0	\$0	\$0	\$0	\$0

Automatic system calculation / not entered by managers

Target Lake/Stream/River Feet or Miles

3 miles

Parcel List

For restoration and enhancement programs ONLY: Managers may add, delete, and substitute projects on this parcel list based upon need, readiness, cost, opportunity, and/or urgency so long as the substitute parcel/project forwards the constitutional objectives of this program in the Project Scope table of this accomplishment plan. The final accomplishment plan report will include the final parcel list.

Section 1 - Restore / Enhance Parcel List

Dakota

Name	TRDS	Acres	Est Cost	Existing Protection?
Cole	02722206	20	\$30,000	No
Gergen	11318228	20	\$30,000	Yes
Jennings	11320233	15	\$30,000	Yes
Lake Byllesby	11218208	151	\$450,000	Yes
Lake Byllesby	11218211	33	\$200,000	Yes
Malecha	11220217	20	\$35,000	Yes
Marcott Lakes	02722220	30	\$80,000	Yes
Minnesota River Valley Wetland and Floodplain	02723218	10	\$150,000	Yes
Trout Brook	11317227	20	\$20,000	Yes
Vermillion River	11419221	5	\$10,000	Yes
Wetland Restoration - Greenvale	11220210	70	\$140,000	Yes
Wetland Restoration - Hampton	11318236	40	\$96,000	No
Wetland Restoration - Waterford	11219206	40	\$95,000	No

Section 2 - Protect Parcel List

Dakota

Name	TRDS	Acres	Est Cost	Existing Protection?	Hunting?	Fishing?
Chub Lake	11320234	30	\$60,000	No	Limited	Not Applicable
Hampton Woods	11319201	20	\$50,000	No	Limited	Not Applicable
Marcott Lakes	02722220	10	\$250,000	No	Limited	Limited
Peterson - Empire	11419210	140	\$600,000	No	Limited	Not Applicable
Trout Brook	11317227	20	\$100,000	No	No	No
Vermillion River	11419223	10	\$40,000	No	No	Full
Wetland Restoration - Greenvale	11220217	80	\$400,000	No	No	No
Wetland Restoration - Hampton	11318236	30	\$150,000	No	No	No
Wetland Restoration - Waterford	11219206	80	\$400,000	No	No	No

Section 2a - Protect Parcel with Bldgs

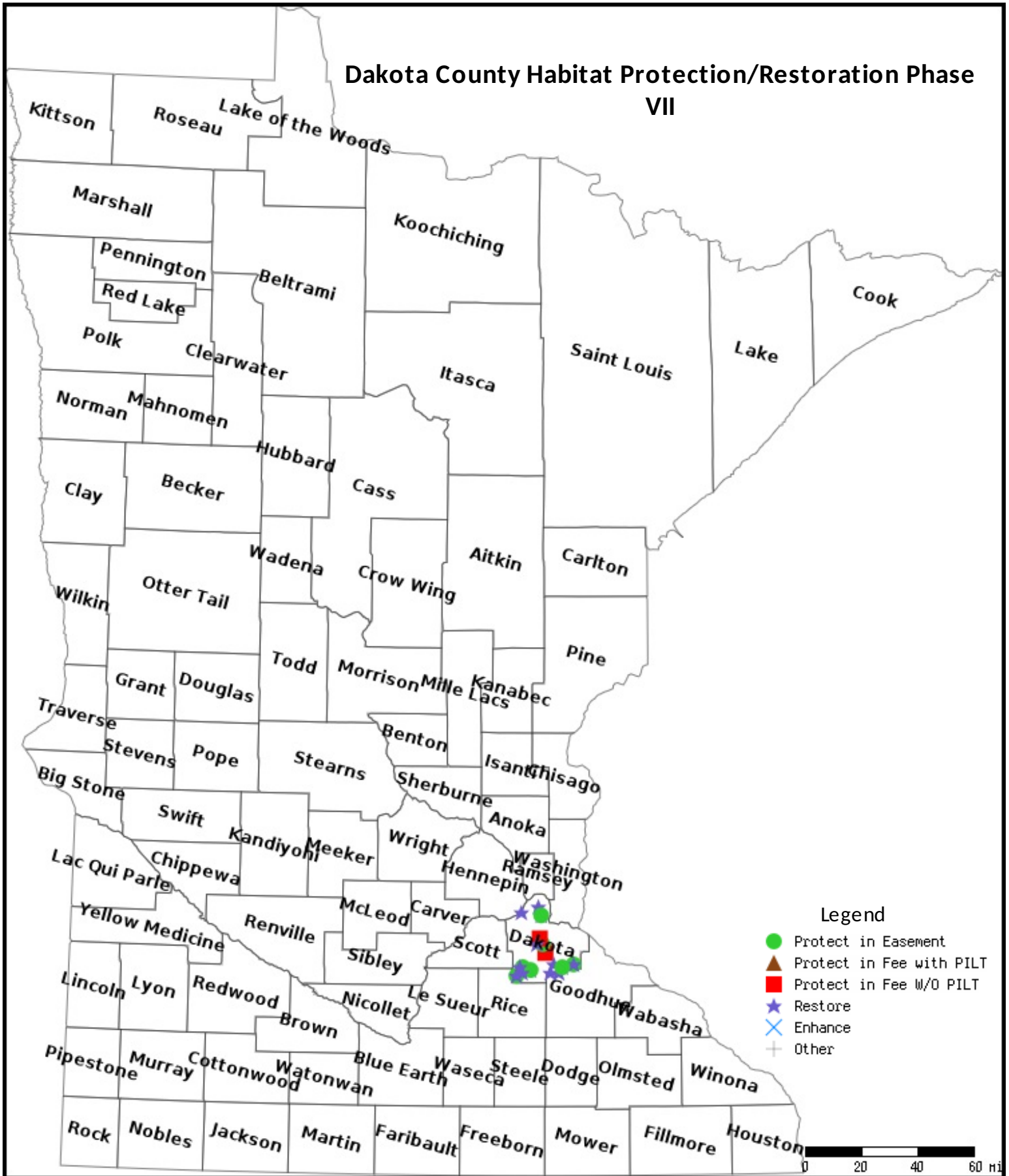
No parcels with an activity type protect and has buildings.

Section 3 - Other Parcel Activity

No parcels with an other activity type.

Parcel Map

Dakota County Habitat Protection/Restoration Phase VII



Data Generated From Parcel List

Lessard-Sams Outdoor Heritage Council Comparison Report

Program Title: 2019 - Dakota County Habitat Protection/Restoration Phase VII

Organization: Dakota County

Manager: Lisa West

Budget

Requested Amount: \$4,200,000

Appropriated Amount: \$3,516,000

Percentage: 83.71%

Budget Item	Total Requested		Total Appropriated		Percentage of Request	
	LSOHC Request	Anticipated Leverage	Appropriated Amount	Anticipated Leverage	Percentage of Request	Percentage of Leverage
Personnel	\$0	\$700,000	\$0	\$0	-	0.00%
Contracts	\$1,800,000	\$475,000	\$1,280,000	\$311,500	71.11%	65.58%
Fee Acquisition w/ PILT	\$400,000	\$100,000	\$70,000	\$17,500	17.50%	17.50%
Fee Acquisition w/o PILT	\$0	\$0	\$600,000	\$150,000	-	-
Easement Acquisition	\$2,000,000	\$700,000	\$1,445,000	\$361,500	72.25%	51.64%
Easement Stewardship	\$0	\$0	\$0	\$0	-	-
Travel	\$0	\$0	\$0	\$0	-	-
Professional Services	\$0	\$0	\$120,000	\$38,500	-	-
Direct Support Services	\$0	\$0	\$0	\$0	-	-
DNR Land Acquisition Costs	\$0	\$0	\$1,000	\$0	-	-
Capital Equipment	\$0	\$0	\$0	\$0	-	-
Other Equipment/Tools	\$0	\$0	\$0	\$0	-	-
Supplies/Materials	\$0	\$0	\$0	\$0	-	-
DNR IDP	\$0	\$0	\$0	\$0	-	-
Total	\$4,200,000	\$1,975,000	\$3,516,000	\$879,000	83.71%	44.51%

How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount?

Dakota County scaled back planned acquisitions and restoration activities to fit within the reduced, proposed funding amount. Dakota County also scaled back its proposed cash match and the amount of in-kind staff time match to reflect the lesser amount of work that would be associated with the reduced grant funding.

Output

Table 1a. Acres by Resource Type

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	545	474	86.97%
Protect in Fee with State PILT Liability	20	20	100.00%
Protect in Fee W/O State PILT Liability	0	140	-
Protect in Easement	380	260	68.42%
Enhance	0	0	-

Table 2. Total Funding by Resource Type

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	1,800,000	1,400,000	77.78%
Protect in Fee with State PILT Liability	400,000	71,000	17.75%
Protect in Fee W/O State PILT Liability	0	600,000	-
Protect in Easement	2,000,000	1,445,000	72.25%
Enhance	0	0	-

Table 3. Acres within each Ecological Section

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	545	474	86.97%
Protect in Fee with State PILT Liability	20	20	100.00%
Protect in Fee W/O State PILT Liability	0	140	-
Protect in Easement	380	260	68.42%
Enhance	0	0	-

Table 4. Total Funding within each Ecological Section

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	1,800,000	1,400,000	77.78%
Protect in Fee with State PILT Liability	400,000	71,000	17.75%
Protect in Fee W/O State PILT Liability	0	600,000	-
Protect in Easement	2,000,000	1,445,000	72.25%
Enhance	0	0	-

Lessard-Sams Outdoor Heritage Council

Laws of Minnesota 2019 Accomplishment Plan



Date: December 18, 2018

Program or Project Title: Restoration of Norway Brook connectivity to the Pine River by removal of Norway Lake Dam and replacement with rock-arch rapids.

Funds Recommended: \$ 2,267,000

Manager's Name: Mike Hansen
Title: Public Works Director
Organization: City of Pine River
Address: 200 Front St N
Address 2: PO Box 87
City: Pine River, MN 56474
Office Number: (218)-587-2338
Mobile Number: (218)-821-3521
Fax Number: (218)-587-2168
Email: publicworks@cityofpineriver.org
Website: <http://cityofpineriver.org/>

Legislative Citation: ML 2019, Ch. X, Art. 1, Sec. 2, subd. X(x)

Appropriation Language:

County Locations: Cass

Eco regions in which work will take place:

- Northern Forest

Activity types:

- Enhance
- Restore

Priority resources addressed by activity:

- Habitat

Abstract:

The Norway Lake Dam will be removed and replaced with a rock-arch rapids by the City of Pine River. Replacing the high hazard dam with a rock riffle will enhance fish passage, biological connectivity, habitat, safety, aesthetics, fishing, access, and whitewater boating opportunities.

The riffle pools and meandering low flow channel will enhance recreational opportunities for fishing, paddling and other water-based fun. Removal of the dam will restore fish passage and connectivity between the Whitefish Chain of Lakes and reconnect 134 lakes and 80 miles of river and stream corridors benefitting fish, mussels and many game and non-game animal species.

Design and scope of work:

The 13' high Norway Lake Dam was constructed in 1910, and is now proposed for removal and replacement with a rock-arch rapids. Trunk Highway 84 is constructed on top of the dam. MNDOT plans to replace the bridge and separate it from the dam within a year or two. The dam is classified as "High" hazard and needs to be modified to provide additional capacity. Replacing the dam with a rock riffle was selected to enhance: fish passage, biological connectivity, riffle habitat, safety, aesthetics, fishing, access, and whitewater boating opportunities.

The riffle will include a series of pools and a meandering low flow channel to provide enhanced recreational opportunities along the river for fishing, paddling and other water-based fun. Pools next to two City Parks will enhance fishing and maintain water near an historic WPA-constructed Beach and Swimming Area.

Removal of the dam will restore fish passage and connectivity between the Whitefish Chain of Lakes and the 149 square mile watershed above the dam. This reconnected watershed includes 134 lakes with surface areas totaling 11,338 acres and 80 miles of rivers and streams ranging from 1st order to 4th order. Twenty-seven lakes exceed 100 acres, with the largest-Pine Mountain Lake-having 1,622 acres. Removing the dam and reconnecting these high quality, diverse habitats and stream corridors will benefit fish, mussels and many game and non-game animal species.

Removal of the dam will result in the following outcomes: (Data sources include: MPCA stream surveys 2012-14, Fishes of MN Mapper, MNDNR stream survey, MNDNR lake surveys).

Habitat:

- Restores ecological connection between Outstanding Lakes of Biological Significance for fish community.
- Diverse stream habitat upstream and downstream of the dam will be reconnected. Riffle habitat will be constructed in 600-foot length of boulder-arch rapids.
- Common species that will benefit include: walleye, northern pike, largemouth bass, white sucker, shorthead redhorse, greater redhorse, hornyhead chub, and rock bass.
- The fish community in Norway Lake will likely be enhanced with an increase in walleye and other species abundance possible through upstream migration.
- Long-ear Sunfish, Northern Sunfish, Silver Redhorse, Sand Shiner and Black Sandshell (mussel) are present below the dam but have not been found upstream of the Pine River Dam.
- Upstream fish passage will not pose a risk of invasive aquatic species range expansion. Dam removal will not increase habitat favorable to invasive species.

Hydrology:

- Water levels upstream and downstream from the rock-riffle will adjust naturally in response to the seasonal runoff. The riffle will convey all streamflow from low flows through extreme floods and will provide similar upstream water levels within Norway Lake, although the fixed crest will result in some fluctuations as flow varies, but does not require operation.
- Public safety is enhanced due to the removal of the gate spillways and associated currents.
- Less city staff maintenance and liability exist with the rock-riffle construction.

Access:

- Creation of the rock riffle will improve the fishing and water access near two City Parks.
- The rock riffle will provide whitewater boating opportunities.
- ADA handicap accessible fishing.

How does the request address MN habitats that have: historical value to fish and wildlife, wildlife species of greatest conservation need, MN County Biological Survey data, and/or rare, threatened and endangered species inventories:

Removal of the dam will restore fish passage and connectivity between the Whitefish Chain of Lakes and 134 lakes and 80 miles of rivers and streams. The project will restore the ecological connection between Outstanding Lakes of Biological Significance for fish community-Whitefish Chain and upstream Lake Hattie as well as additional Outstanding Lakes of Biological Significance in headwaters: Lizzie, Brockway, Lind, Bowen, Pine Mountain, Beuber and Deep Portage. Removing the dam and reconnecting these high quality, diverse habitats and stream corridors will benefit fish, mussels and many game and non-game animal species.

Removal of the dam will result in the following habitat outcomes:

- Restores ecological connection between Outstanding Lakes of Biological Significance for fish community.
- Diverse stream habitat upstream and downstream of the dam will be reconnected. Riffle habitat will be constructed in 600-foot length of boulder-arch rapids.
- Long-ear Sunfish, Northern Sunfish, Silver Redhorse, Sand Shiner and Black Sandshell (mussel) are present below the dam but have not been found upstream of the Pine River Dam. Northern Sunfish (special concern) are found downstream of the dam but have not been found upstream. Restoring fish passage may enable Northern Sunfish to expand their range in the watershed. Pugnose Shiner (threatened), Least Darter (special concern), and Hornyhead Chub (species of greatest conservation need) are found in the Pine River system both upstream and downstream of the dam. Populations of these fish will benefit from reestablished connectivity between the middle and upper reaches of the Pine River and the associated lakes and streams of the watershed. Black Sandshell mussel (special concern) are found below the dam but not upstream. Upstream fish passage may allow Black Sandshells to expand upstream as larval mussels are carried upstream by bluegill and largemouth bass hosts. Blandings Turtle (threatened) has been found in the area around the City of Pine River and any turtles moving along the river will be able to move through the rock riffle instead of crossing the dam on the present road. The aquatic plant, Olive-colored Southern Naiad (special concern) has been found within the Whitefish Chain of Lakes.

Describe the science based planning and evaluation model used:

The Norway Lake dam has been a fish barrier for 108 years and has created a significant fragmentation of aquatic habitat. Removal of the dam and replacement with a rock-arch rapids will restore fish passage and connectivity between the Whitefish Chain of Lakes and the 149 square mile watershed above the dam. This reconnected watershed includes 134 lakes with surface areas totaling 11,338 acres and 80 miles of rivers and streams ranging from 1st order to 4th order. Twenty-seven lakes exceed 100 acres, with the largest-Pine Mountain Lake-having 1,622 acres. Removing the dam and reconnecting these high quality, diverse habitats and stream corridors will benefit fish, mussels and many game and non-game animal species.

Which sections of the Minnesota Statewide Conservation and Preservation Plan are applicable to this program:

- H3 Improve connectivity and access to recreation
- H6 Protect and restore critical in-water habitat of lakes and streams

Which other plans are addressed in this program:

- Minnesota DNR Fish Habitat Plan; Norway Lake Management Plan;

Which LSOHC section priorities are addressed in this program:

Northern Forest:

- Protect shoreland and restore or enhance critical habitat on wild rice lakes, shallow lakes, cold water lakes, streams and rivers, and spawning areas

Relationship to other funds:

- DNR Dam Safety Program has provided a \$200,000 grant for engineering and design services.

Describe the relationship of the funds:

DNR Dam Safety Program has provided a \$200,000 grant for engineering and design services.

Does this program include leverage in funds:

Yes

DNR Dam Safety has provided \$200,000 in funding for engineering and design services. The City of Pine River will provide \$89,000 for the fishing pier, benches and ADA compliant walks and railings. The City and Nature Conservancy are applying for funds through the Midwest Glacial Lakes Partnership.

Per MS 97A.056, Subd. 24, Any state agency or organization requesting a direct appropriation from the OHF must inform the LSOHC at the time of the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose:

Not applicable

Describe the source and amount of non-OHF money spent for this work in the past:

Not Listed

How will you sustain and/or maintain this work after the Outdoor Heritage Funds are expended:

The City of Pine River will maintain the rock riffle features. The project will be monitored to determine that it works as planned. The rock riffle incorporates natural channel features which are sustainable and don't typically require significant maintenance. Native plantings will be inspected and maintained as necessary while the vegetation becomes established.

Explain the things you will do in the future to maintain project outcomes:

Year	Source of Funds	Step 1	Step 2	Step 3
Annually	City of Pine River-Local Tax Levy	Inspect rock riffle	Determine whether boulder weirs, base rock and habitat features are performing adequately	Perform maintenance to remove debris and adjust or maintain spillway.
1 year following construction	City of Pine River-Local Tax Levy	Inspect native plantings	Maintain native plantings, reseed as necessary and control invasive plants as native vegetation becomes established.	
1 year following construction	DNR Fisheries	Perform fish survey	Determine whether fish passage is improved and species populations are responding to reconnected habitats	
5 years following construction	DNR Fisheries	Perform fish survey	Determine whether fish passage is improved and species populations are responding to reconnected habitats	
10 year following construction	DNR Fisheries	Perform fish survey	Determine whether fish passage is improved and species populations are responding to reconnected habitats	
Annually	City of Pine River-Local Tax Levy	Perform recreational user survey	Determine recreational use of rock riffle and adjoining parks. Report on numbers of people fishing, kayaking and using adjoining park spaces.	

Activity Details:

If funded, this program will meet all applicable criteria set forth in MS 97A.056 - **Yes**

Will there be planting of corn or any crop on OHF land purchased or restored in this program - **No**

Will restoration and enhancement work follow best management practices including MS 84.973 Pollinator Habitat Program - **Yes**

Is the activity on permanently protected land per 97A.056, subd 13(f), tribal lands, and/or public waters per MS 103G.005, Subd. 15 - **Yes (County/Municipal, Public Waters)**

Accomplishment Timeline:

Activity	Approximate Date Completed
Complete design, deliver plans, specifications and construction documents.	December 2019
Complete project permitting	December 2019
Advertise for bids, receive bids, award construction contract	April 2020
Begin Construction of rock riffle	October 2020
Complete Construction of rock riffle	June 2021
Begin monitoring of project and operation and maintenance activities	July 2021

Date of Final Report Submission: 7/1/2021

Federal Funding:

Do you anticipate federal funds as a match for this program - **No**

Outcomes:

Programs in the northern forest region:

- Improved aquatic habitat indicators *This project will restore and enhance habitat within a Public Water by reconnecting a disconnected river*

reach and restoring fish passage and biological connectivity. The project improves habitat by restoring fish passage and biological connectivity between the Whitefish Chain of Lakes and 134 lakes and 80 miles of rivers and streams and in excess of 11,000 acres of aquatic habitat. Future lake and stream surveys will confirm improvements in species diversity and populations. The project will also provide enhanced recreational opportunities for fishing, paddling and other users which can be tracked through City Park use.

Budget Spreadsheet

Budget reallocations up to 10% do not require an amendment to the Accomplishment Plan

How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount

The City will provide the remaining project costs outside of LSOHC funding: (\$2.556 Million - \$2.267 Million - \$200 Thousand) \$89,000. The City will apply for additional funds: from DNR Dam Safety

Total Amount of Request: \$ 2267000

Budget and Cash Leverage

BudgetName	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$36,000	\$0		\$36,000
Contracts	\$2,011,000	\$89,000	City of Pine River	\$2,100,000
Fee Acquisition w/ PILT	\$0	\$0		\$0
Fee Acquisition w/o PILT	\$0	\$0		\$0
Easement Acquisition	\$0	\$0		\$0
Easement Stewardship	\$0	\$0		\$0
Travel	\$0	\$0		\$0
Professional Services	\$220,000	\$200,000	\$200,000 DNR Dam Safety Program	\$420,000
Direct Support Services	\$0	\$0		\$0
DNR Land Acquisition Costs	\$0	\$0		\$0
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$0	\$0		\$0
Supplies/Materials	\$0	\$0		\$0
DNR IDP	\$0	\$0		\$0
Total	\$2,267,000	\$289,000		\$2,556,000

Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Project Manager	0.05	2.00	\$24,000	\$0		\$24,000
City Clerk	0.03	2.00	\$12,000	\$0		\$12,000
Total	0.08	4.00	\$36,000	\$0		\$36,000

Amount of Request: \$2,267,000
 Amount of Leverage: \$289,000
 Leverage as a percent of the Request: 12.75%
 DSS + Personnel: \$36,000
 As a % of the total request: 1.59%

What is included in the contacts line?

The whole amount listed for contracts is for R/E work. \$2.1 Million is the estimated construction contract cost for removal of the existing dam and replacement with the rock riffle. The construction estimate includes mobilization, water control, steel sheet piling, excavation, furnishing and installing rock and associated items.

Describe and explain leverage source and confirmation of funds:

The DNR Dam Safety program has provided a \$200,000 grant for engineering and design services. The City of Pine River will provide \$89,000 for the fishing pier, benches and ADA compliant walks and railings.

Output Tables

Table 1a. Acres by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	0	0	0	6	6
Protect in Fee with State PILT Liability	0	0	0	0	0
Protect in Fee W/O State PILT Liability	0	0	0	0	0
Protect in Easement	0	0	0	0	0
Enhance	0	0	0	0	0
Total	0	0	0	6	6

Table 2. Total Funding by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$0	\$0	\$0	\$2,267,000	\$2,267,000
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$2,267,000	\$2,267,000

Table 3. Acres within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	0	0	0	0	6	6
Protect in Fee with State PILT Liability	0	0	0	0	0	0
Protect in Fee W/O State PILT Liability	0	0	0	0	0	0
Protect in Easement	0	0	0	0	0	0
Enhance	0	0	0	0	0	0
Total	0	0	0	0	6	6

Table 4. Total Funding within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	\$0	\$0	\$0	\$0	\$2,267,000	\$2,267,000
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$2,267,000	\$2,267,000

Table 5. Average Cost per Acre by Resource Type

Type	Wetlands	Prairies	Forest	Habitats
Restore	\$0	\$0	\$0	\$377833
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$0

Table 6. Average Cost per Acre by Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest
Restore	\$0	\$0	\$0	\$0	\$377833
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$0	\$0

Automatic system calculation / not entered by managers

Target Lake/Stream/River Feet or Miles

80

Parcel List

For restoration and enhancement programs ONLY: Managers may add, delete, and substitute projects on this parcel list based upon need, readiness, cost, opportunity, and/or urgency so long as the substitute parcel/project forwards the constitutional objectives of this program in the Project Scope table of this accomplishment plan. The final accomplishment plan report will include the final parcel list.

Section 1 - Restore / Enhance Parcel List

Cass

Name	TRDS	Acres	Est Cost	Existing Protection?
94-231-3401	13829231	1	\$566,100	No
94-231-3404	13829231	0	\$566,100	No
94-337-1810	13729206	0	\$283,000	No
94-337-1820	13729206	0	\$106,400	No
94-337-1830	13729206	0	\$254,700	No
94-338-0110 to 0260	13829231	0	\$396,300	No
94-339-0001	13829231	0	\$113,200	No
94-340-0210	13829231	0	\$90,600	No
94-340-0220	13829231	0	\$90,600	No

Section 2 - Protect Parcel List

No parcels with an activity type protect.

Section 2a - Protect Parcel with Bldgs

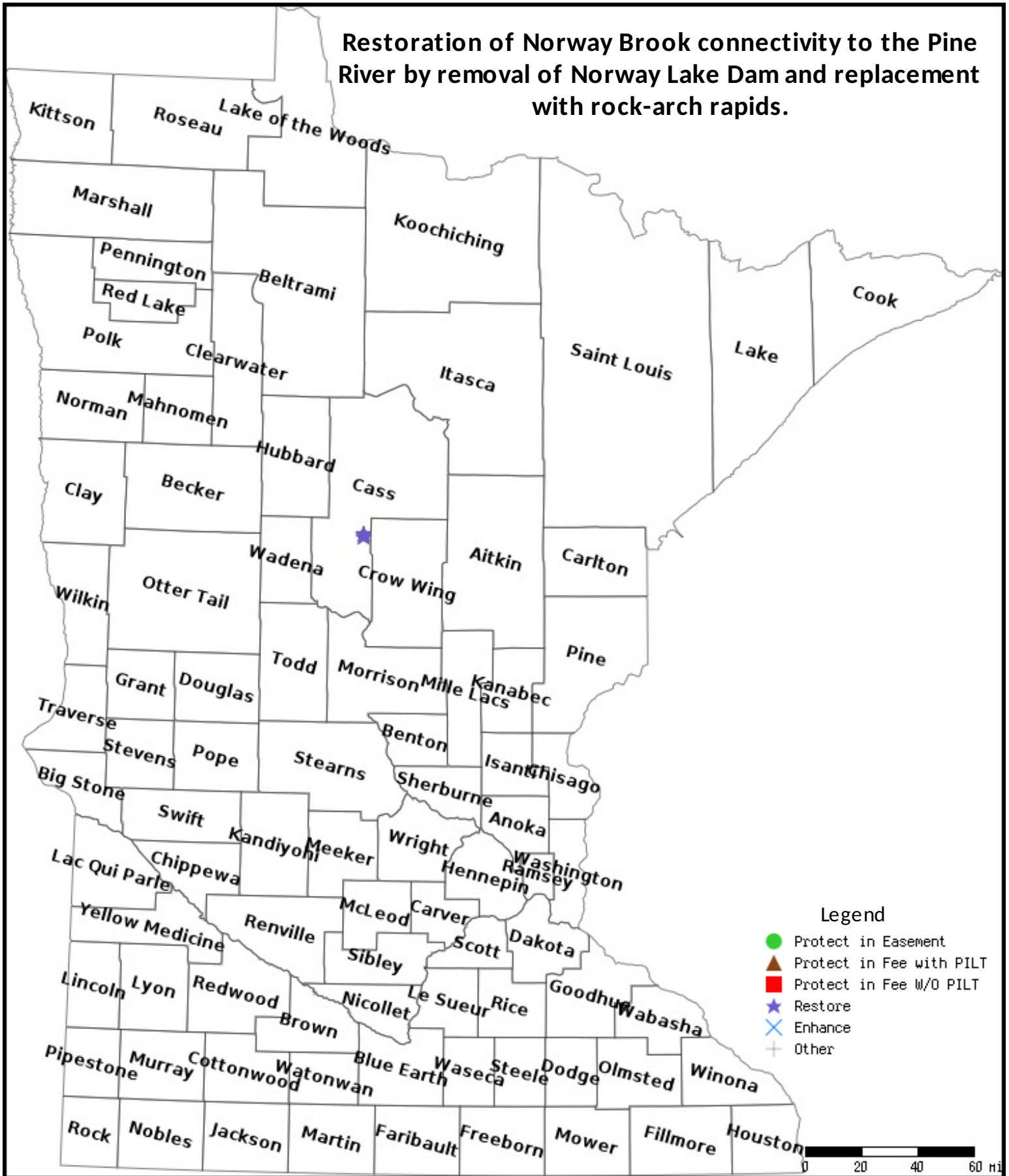
No parcels with an activity type protect and has buildings.

Section 3 - Other Parcel Activity

No parcels with an other activity type.

Parcel Map

Restoration of Norway Brook connectivity to the Pine River by removal of Norway Lake Dam and replacement with rock-arch rapids.



Data Generated From Parcel List

Lessard-Sams Outdoor Heritage Council Comparison Report

Program Title: 2019 - Restoration of Norway Brook connectivity to the Pine River by removal of Norway Lake Dam and replacement with rock-arch rapids.

Organization: City of Pine River

Manager: Mike Hansen

Budget

Requested Amount: \$2,356,000

Appropriated Amount: \$2,267,000

Percentage: 96.22%

Budget Item	Total Requested		Total Appropriated		Percentage of Request	
	LSOHC Request	Anticipated Leverage	Appropriated Amount	Anticipated Leverage	Percentage of Request	Percentage of Leverage
Personnel	\$36,000	\$0	\$36,000	\$0	100.00%	-
Contracts	\$2,100,000	\$0	\$2,011,000	\$89,000	95.76%	-
Fee Acquisition w/ PILT	\$0	\$0	\$0	\$0	-	-
Fee Acquisition w/o PILT	\$0	\$0	\$0	\$0	-	-
Easement Acquisition	\$0	\$0	\$0	\$0	-	-
Easement Stewardship	\$0	\$0	\$0	\$0	-	-
Travel	\$0	\$0	\$0	\$0	-	-
Professional Services	\$220,000	\$200,000	\$220,000	\$200,000	100.00%	100.00%
Direct Support Services	\$0	\$0	\$0	\$0	-	-
DNR Land Acquisition Costs	\$0	\$0	\$0	\$0	-	-
Capital Equipment	\$0	\$0	\$0	\$0	-	-
Other Equipment/Tools	\$0	\$0	\$0	\$0	-	-
Supplies/Materials	\$0	\$0	\$0	\$0	-	-
DNR IDP	\$0	\$0	\$0	\$0	-	-
Total	\$2,356,000	\$200,000	\$2,267,000	\$289,000	96.22%	144.50%

How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount?

The City will provide the remaining project costs outside of LSOHC funding: (\$2.556 Million - \$2.267 Million - \$200 Thousand) \$89,000. The City will apply for additional funds: from DNR Dam Safety

Output

Table 1a. Acres by Resource Type

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	6	6	100.00%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	0	0	-
Enhance	0	0	-

Table 2. Total Funding by Resource Type

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	2,356,000	2,267,000	96.22%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	0	0	-
Enhance	0	0	-

Table 3. Acres within each Ecological Section

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	6	6	100.00%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	0	0	-
Enhance	0	0	-

Table 4. Total Funding within each Ecological Section

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	2,356,000	2,267,000	96.22%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	0	0	-
Enhance	0	0	-



Lessard-Sams Outdoor Heritage Council

Laws of Minnesota 2019 Accomplishment Plan

Date: January 07, 2019

Program or Project Title: Restoring the Upper Mississippi River at Lake Pepin: Phase 1

Funds Recommended: \$ 750,000

Manager's Name: Rylee Main

Title: Executive Director

Organization: Lake Pepin Legacy Alliance

Address: P.O. Box 392

City: Red Wing, MN 55066

Office Number: 630-806-9909

Mobile Number: 630-806-9909

Email: rylee.main@lakepepinlegacyalliance.com

Website: www.lakepepinlegacyalliance.org

Legislative Citation:

Appropriation Language:

County Locations: Goodhue

Eco regions in which work will take place:

- Southeast Forest

Activity types:

- Enhance
- Restore

Priority resources addressed by activity:

- Forest
- Habitat
- Wetlands

Abstract:

This project leverages more than \$10 million in federal funds to begin implementation of a system-wide effort to improve game fish and waterfowl production in the Upper Mississippi River by improving 100 acres of floodplain forest and up to 1,000 acres of aquatic and wetland habitat at the upper end of Lake Pepin. Local partners are working with the U.S. Army Corps of Engineers to mitigate habitat degradation caused by turbidity and excess sediment accumulating at the head of the lake. Project construction is anticipated to begin in 2020.

Design and scope of work:

The Upper Mississippi River is impaired for turbidity (fine sediments) from the confluence with the Minnesota River to Lake Pepin. Continued deposition of these Minnesota sourced suspended solids has resulted in a lack of aquatic vegetation, poor invertebrate production, and reduced abundance of fish and wildlife. Deep protected aquatic areas that would serve as habitat for bluegill and other species, including walleye and sauger, is lacking in both the backwaters and within large open water areas of upper Lake Pepin. Working through the U.S. Army Corps of Engineers' Beneficial Use of Dredge Material Program, the Corps will create/enhance islands and isolated wetlands, protect banks, and create deeper water in protected areas. The expected outcomes of these features include an increase in the habitat sustainability index for ducks by at least 0.25, an increase in the average annual habitat units by a net gain of

250, restored floodplain and wetland plant communities, enhanced public access, decreased suspended solid concentrations, and more natural sediment transport and deposition.

Priorities for the upper end of Lake Pepin have been established as part of a collaborative effort among state and federal agencies in the 5-state region of the Upper Mississippi River. More localized habitat objectives correspond to the Pierce County Islands Wildlife Management Plan, approved by the Wisconsin Department of Natural Resources. Though the state line at the upper end of Lake Pepin is adjacent the Minnesota shoreline, and thus the initial project is located in Wisconsin, the benefits of productive fish and wildlife habitats accrue equally to citizens of both Minnesota and Wisconsin. The Minnesota DNR will remain highly involved in the planning and monitoring phases.

We recognize that the threshold in which habitat restoration at the head of Lake Pepin becomes cost-prohibitive is fast approaching. The current fishery is still robust, but there are concerns productivity is decreasing as sediment and turbidity impacts have long-term effects. This project is expected to restore productivity to historic levels for the next 50 years.

We realize the long-term sustainability of this project is dependent on continuing upstream sediment source reductions, however, not beginning the restoration of Lake Pepin will seriously impair Minnesotans' ability to enjoy fishing, hunting, and boating in this singularly unique reach of the Mississippi River.

Lake Pepin Legacy Alliance is coordinating and administering the 35% non-federal cost-share funds for project partners, while the Wisconsin Department of Natural Resources remains the official non-federal sponsor. Support for the project is widespread, with on-going involvement from the Minnesota Department of Natural Resources, Audubon MN, Ducks Unlimited, and local municipalities, alongside support from the National Wildlife Federation, the Minnesota Conservation Federation, the Red Wing Wildlife League, the Frontenac Sportsmen Club, and the Lake City Sportsmen Club.

How does the request address MN habitats that have: historical value to fish and wildlife, wildlife species of greatest conservation need, MN County Biological Survey data, and/or rare, threatened and endangered species inventories:

Game fish found in Lake Pepin include northern pike, walleye, sauger, yellow perch, white bass, and a variety of centrarchids. Centrarchid overwintering habitat for backwater fish (bluegill, largemouth bass, crappie, etc.) has declined at the upper end of Lake Pepin due to sedimentation and island dissection. Historically, centrarchid overwintering habitat was present in the two primary project areas included in this proposal: Wacouta Bay, and the Bay City area. Now, most of the backwater areas that have adequate depth to provide over winter fish habitat, also have flow that makes it unsuitable for overwintering centrarchids.

Northern pike, crappie, and largemouth bass are all strongly associated with large, near shore strands of aquatic plants. High suspended solid concentrations continue to limit light penetration and rooting capability of submersed vegetation. These conditions have had the greatest influence on aquatic habitat in the upper portion of Lake Pepin, Wacouta Bay, and the Bay City Flats. This project proposes to restore submerged, emergent, and floating vegetation where it has been lost. The Corps of Engineers will construct islands to protect existing aquatic vegetation beds and improve conditions for the growth of aquatic vegetation in other shallow areas. When combined with the construction of islands, backwater dredging will incrementally improve centrarchid habitat in the project area. Increased availability of deeper water combined with reduced velocities will greatly improve wintertime habitat conditions.

Wetland restoration and riparian island creation will increase nesting habitat and migratory stopover habitat. Restoring islands, establishing native grassland and oak savanna, and restoring depth diversity will help bird species like Wood Ducks, Cerulean Warblers, Prothonotary warblers, Louisiana Waterthrush, and many others. Lake Pepin provides critical stopover habitat for the common merganser and has been designated a globally important bird area.

Three protected wildlife species are found in this project area: the bald eagle, the Blanding's turtle, and the wood turtle. This project will improve habitat for the Blanding's turtle and the wood turtle, and ensure a robust fishery for overwintering eagle roosts in the project area.

Describe the science based planning and evaluation model used:

Lake Pepin represents a significant corridor of open space and habitat for both aquatic and terrestrial plants and animals. The upper end of Lake Pepin contains channels and backwaters that provide critical spawning areas for important sport fish species such as sauger and walleye, which use Lake Pepin most of the year. Lake Pepin is part of the U.S. Geological Survey's Long-Term Resource Monitoring Program, which exists to support decision makers with the information needed to maintain the Upper Mississippi River system as a viable multiple-use river ecosystem. Utilizing information collected at the Lake City Field Station, desired future habitat conditions for the upper end of Lake Pepin have been established.

This proposed project is located within the Pierce County Wildlife Area, which is the only publicly managed waterfowl area and refuge along this section of the Mississippi River and contributes to one of the largest contiguous stretches of floodplain forest habitat in the Midwest. Recommendations for the Pierce County Island wetland complex have been identified and endorsed by the Fish and Wildlife Workgroup and the River Resources Forum - representing the five-state region of the Upper Mississippi River. These recommendations include: increasing the coverage of emergent vegetation by 40 percent, stabilizing several miles of eroding shoreline, increasing water depths in select backwater sites, improving the quality of terrestrial habitat, and constructing islands. The recommendations are designed to offset the impacts of sedimentation, improve habitat for migratory waterfowl and shorebirds, and improve conditions for aquatic species.

Which sections of the Minnesota Statewide Conservation and Preservation Plan are applicable to this program:

- H4 Restore and protect shallow lakes
- H6 Protect and restore critical in-water habitat of lakes and streams

Which other plans are addressed in this program:

- Ducks Unlimited Living Lakes Initiative
- National Audubon Society Top 20 Common Birds in Decline

Which LSOHC section priorities are addressed in this program:

Southeast Forest:

- Protect, enhance, and restore habitat for fish, game, and nongame wildlife in rivers, cold-water streams, and associated upland habitat

Relationship to other funds:

- Not Listed

Does this program include leverage in funds:

Yes

Federal funds for this project come from a variety of sources within the Corps of Engineers' programs. The current project budget anticipates the need for \$4.7 million in non-federal funds, to leverage \$8.9 million from the Corps Beneficial Use of Dredged Materials program. This request of \$750,000 will leverage \$1.4 million from that program. If sufficient funds are secured through the Beneficial Use program, the Corps is able to spend an additional \$6 million from their operations and maintenance funds to transport needed materials, bringing the total project budget up to \$19.6 million.

A proposal for this project is also being considered by the Corps for inclusion in a pilot program, which would expand the scope of the project and allocate an additional \$5 million in federal funds to achieve habitat and public access objectives.

Per MS 97A.056, Subd. 24, Any state agency or organization requesting a direct appropriation from the OHF must inform the LSOHC at the time of the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose:

N/A

Describe the source and amount of non-OHF money spent for this work in the past:

Appropriation Year	Source	Amount
2017	U.S. Army Corps of Engineers	\$450,000

How will you sustain and/or maintain this work after the Outdoor Heritage Funds are expended:

The construction features outlined in this project are designed to be dynamic and intended to emulate natural river processes. Therefore, we expect operation and maintenance to be minimal. The Wisconsin DNR – the non-federal sponsor and landowner – will be responsible for any maintenance needed over a 50-year timeframe. A monitoring and adaptive management plan will be developed and included as part of the final project report, following the completion of the feasibility study. Typically, monitoring and adaptive management tasks extend up to 10 years following project completion, and close-out of the project would occur when the level of success of the project is determined adequate or when the maximum 10-year monitoring period has been reached. The plan is still conceptual but based on the current prioritized areas we anticipate that all of the project features will be on public property managed for wildlife or in public waters. The conceptual project/island features to be constructed will be attached to property public owned within the Wildlife Management Area. It is my understanding that all of the new features will be owned and managed as part of the WDNR Pierce County Islands Wildlife Area.

Explain the things you will do in the future to maintain project outcomes:

Year	Source of Funds	Step 1	Step 2	Step 3
2019	U.S. Army Corps of Engineers	Complete Monitoring and Adaptive Management Plan	Approve Final Report	
2022 - 2032	Wisconsin Department of Natural Resources	Monitor Project Area & Assess Conditions / Benefits		
2022 - 2032	Wisconsin Department of Natural Resources	Maintenance of constructed features, if needed.		

Activity Details:

If funded, this program will meet all applicable criteria set forth in MS 97A.056 - **Yes**

Will there be planting of corn or any crop on OHF land purchased or restored in this program - **No**

Will restoration and enhancement work follow best management practices including MS 84.973 Pollinator Habitat Program - **Yes**

Is the activity on permanently protected land per 97A.056, subd 13(f), tribal lands, and/or public waters per MS 103G.005, Subd. 15 - **Yes (WMA, Public Waters)**

Accomplishment Timeline:

Activity	Approximate Date Completed
Riparian island creation and restoration (nesting habitat) (100 acres)	6/30/2022
Backwater enhancement (spawning / overwinter habitat) (1,000 acres)	6/30/2022
Wetland restoration (migratory stopover habitat) (10 acres)	6/30/2022

Date of Final Report Submission: 11/30/2022

Federal Funding:

Do you anticipate federal funds as a match for this program - **Yes**

Are the funds confirmed - **No**

What is the approximate date you anticipate receiving confirmation of the federal funds - **06/01/2019**

Outcomes:

Programs in southeast forest region:

- Large corridors and complexes of biologically diverse wildlife habitat typical of the unglaciated region are restored and protected. *Lake Pepin represents a significant corridor of open space and habitat for both aquatic and terrestrial plants and animals. In addition to the monitoring and adaptive management plan established as part of the final report within the feasibility study, the project area will be regularly sampled as part of the U.S. Geological Survey's Long-Term Resource Monitoring Program. The aforementioned indicator species will be used as a measure of success for bottomland hardwood forest restoration, wetland restoration, overwintering habitat, and water clarity and aquatic vegetation.*

Budget Spreadsheet

Budget reallocations up to 10% do not require an amendment to the Accomplishment Plan

How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount

N/A

Total Amount of Request: \$ 750000

Budget and Cash Leverage

Budget Name	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$0	\$0		\$0
Contracts	\$0	\$0		\$0
Fee Acquisition w/ PILT	\$0	\$0		\$0
Fee Acquisition w/o PILT	\$0	\$0		\$0
Easement Acquisition	\$0	\$0		\$0
Easement Stewardship	\$0	\$0		\$0
Travel	\$0	\$0		\$0
Professional Services	\$0	\$0		\$0
Direct Support Services	\$0	\$0		\$0
DNR Land Acquisition Costs	\$0	\$0		\$0
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$0	\$0		\$0
Supplies/Materials	\$750,000	\$1,400,000	U.S. Army Corps of Engineers	\$2,150,000
DNR IDP	\$0	\$0		\$0
Total	\$750,000	\$1,400,000		\$2,150,000

Amount of Request: \$750,000
 Amount of Leverage: \$1,400,000
 Leverage as a percent of the Request: 186.67%
 DSS + Personnel: \$0
 As a % of the total request: 0.00%

Describe and explain leverage source and confirmation of funds:

Not Listed

Output Tables

Table 1a. Acres by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	50	0	50	750	850
Protect in Fee with State PILT Liability	0	0	0	0	0
Protect in Fee W/O State PILT Liability	0	0	0	0	0
Protect in Easement	0	0	0	0	0
Enhance	0	0	50	250	300
Total	50	0	100	1,000	1,150

Table 2. Total Funding by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$34,000	\$0	\$32,500	\$485,500	\$552,000
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$32,500	\$165,500	\$198,000
Total	\$34,000	\$0	\$65,000	\$651,000	\$750,000

Table 3. Acres within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	0	0	850	0	0	850
Protect in Fee with State PILT Liability	0	0	0	0	0	0
Protect in Fee W/O State PILT Liability	0	0	0	0	0	0
Protect in Easement	0	0	0	0	0	0
Enhance	0	0	300	0	0	300
Total	0	0	1,150	0	0	1,150

Table 4. Total Funding within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	\$0	\$0	\$552,000	\$0	\$0	\$552,000
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$198,000	\$0	\$0	\$198,000
Total	\$0	\$0	\$750,000	\$0	\$0	\$750,000

Table 5. Average Cost per Acre by Resource Type

Type	Wetlands	Prairies	Forest	Habitats
Restore	\$680	\$0	\$650	\$647
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$650	\$662

Table 6. Average Cost per Acre by Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest
Restore	\$0	\$0	\$649	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$660	\$0	\$0

Automatic system calculation / not entered by managers

Target Lake/Stream/River Feet or Miles

12 River Miles

Parcel List

For restoration and enhancement programs ONLY: Managers may add, delete, and substitute projects on this parcel list based upon need, readiness, cost, opportunity, and/or urgency so long as the substitute parcel/project forwards the constitutional objectives of this program in the Project Scope table of this accomplishment plan. The final accomplishment plan report will include the final parcel list.

Section 1 - Restore / Enhance Parcel List

Goodhue

Name	TRDS	Acres	Est Cost	Existing Protection?
Wacouta Bay	11314236	100	\$750,000	Yes

Section 2 - Protect Parcel List

No parcels with an activity type protect.

Section 2a - Protect Parcel with Bldgs

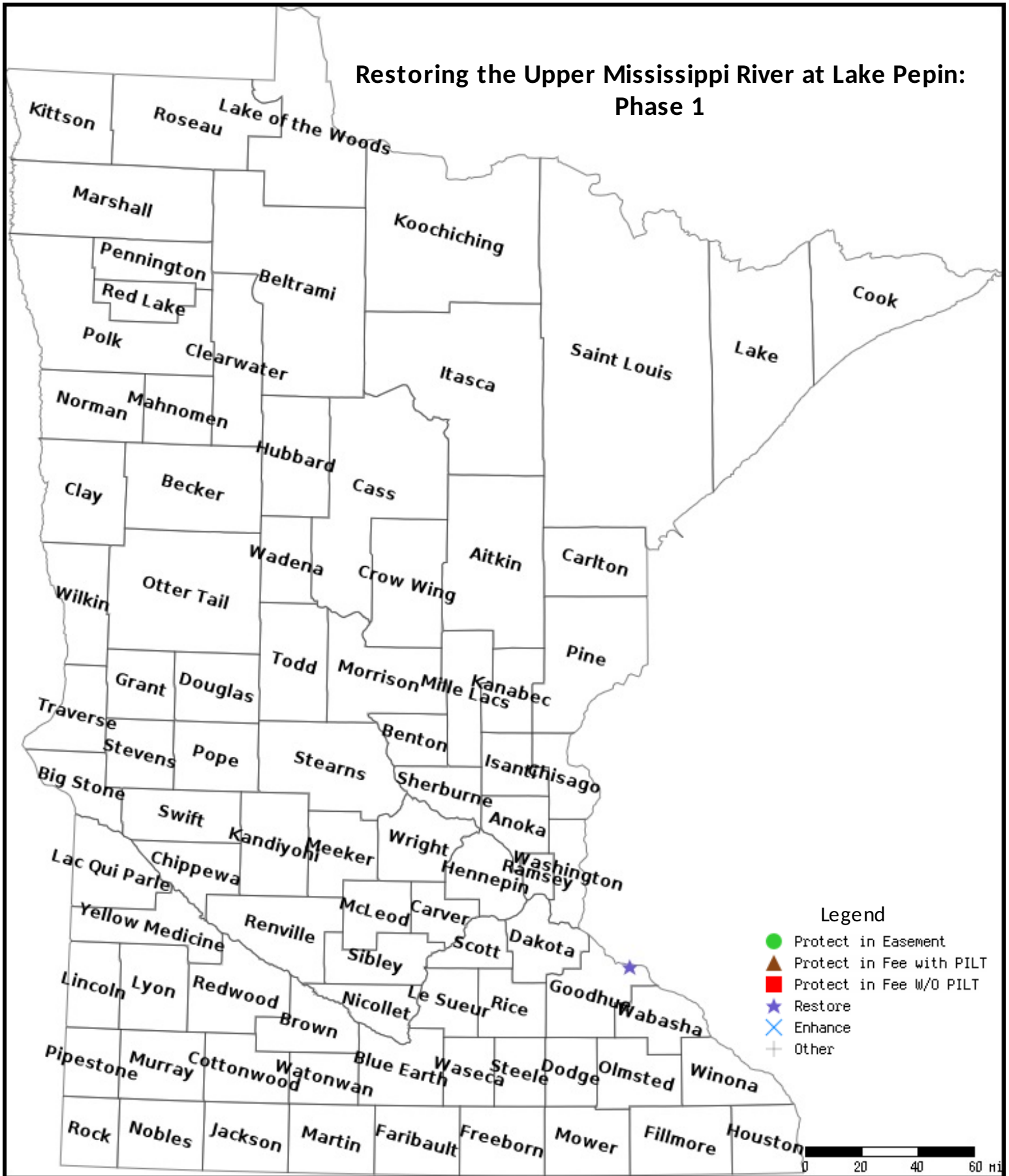
No parcels with an activity type protect and has buildings.

Section 3 - Other Parcel Activity

No parcels with an other activity type.

Parcel Map

Restoring the Upper Mississippi River at Lake Pepin: Phase 1



Data Generated From Parcel List

Lessard-Sams Outdoor Heritage Council Comparison Report

Program Title: 2019 - Restoring the Upper Mississippi River at Lake Pepin: Phase 1

Organization: Lake Pepin Legacy Alliance

Manager: Rylee Main

Budget

Requested Amount: \$750,000

Appropriated Amount: \$750,000

Percentage: 100.00%

Budget Item	Total Requested		Total Appropriated		Percentage of Request	
	LSOHC Request	Anticipated Leverage	Appropriated Amount	Anticipated Leverage	Percentage of Request	Percentage of Leverage
Personnel	\$0	\$0	\$0	\$0	-	-
Contracts	\$0	\$0	\$0	\$0	-	-
Fee Acquisition w/ PILT	\$0	\$0	\$0	\$0	-	-
Fee Acquisition w/o PILT	\$0	\$0	\$0	\$0	-	-
Easement Acquisition	\$0	\$0	\$0	\$0	-	-
Easement Stewardship	\$0	\$0	\$0	\$0	-	-
Travel	\$0	\$0	\$0	\$0	-	-
Professional Services	\$750,000	\$1,400,000	\$0	\$0	0.00%	0.00%
Direct Support Services	\$0	\$0	\$0	\$0	-	-
DNR Land Acquisition Costs	\$0	\$0	\$0	\$0	-	-
Capital Equipment	\$0	\$0	\$0	\$0	-	-
Other Equipment/Tools	\$0	\$0	\$0	\$0	-	-
Supplies/Materials	\$0	\$0	\$750,000	\$1,400,000	-	-
DNR IDP	\$0	\$0	\$0	\$0	-	-
Total	\$750,000	\$1,400,000	\$750,000	\$1,400,000	100.00%	100.00%

How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount?

N/A

Output

Table 1a. Acres by Resource Type

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	850	850	100.00%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	0	0	-
Enhance	300	300	100.00%

Table 2. Total Funding by Resource Type

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	552,000	552,000	100.00%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	0	0	-
Enhance	198,000	198,000	100.00%

Table 3. Acres within each Ecological Section

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	850	850	100.00%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	0	0	-
Enhance	300	300	100.00%

Table 4. Total Funding within each Ecological Section

Type	Total Proposed	Total in AP	Percentage of Proposed
Restore	552,000	552,000	100.00%
Protect in Fee with State PILT Liability	0	0	-
Protect in Fee W/O State PILT Liability	0	0	-
Protect in Easement	0	0	-
Enhance	198,000	198,000	100.00%

Lessard-Sams Outdoor Heritage Council

Laws of Minnesota 2019 Accomplishment Plan



Date: June 13, 2019

Program or Project Title: Conservation Partners Legacy Grant Program Phase 11: Statewide and Metro Habitat

Funds Recommended: \$ 10,760,000

Manager's Name: Kathy Varble

Title: CPL Program Coordinator

Organization: MN DNR

Address: 500 Lafayette Road

Address 2: Box 20

City: St. Paul, MN 55155

Office Number: 651-259-5216

Email: kathy.varble@state.mn.us

Website: www.mndnr.gov/cpl

Legislative Citation: ML 2019, 1st Sp. Session, Ch. 2, Art. 1, Sec. 2, subd, 5(p)

Appropriation Language: \$10,760,000 the first year is to the commissioner of natural resources for a program to provide competitive matching grants of up to \$400,000 to local, regional, state, and national organizations for enhancing, restoring, or protecting forests, wetlands, prairies, or habitat for fish, game, or wildlife in Minnesota. Of this amount, at least \$3,000,000 is for grants in the seven-county metropolitan area and cities with a population of 50,000 or greater. Grants must not be made for activities required to fulfill the duties of owners of lands subject to conservation easements. Grants must not be made from the appropriation in this paragraph for projects that have a total project cost exceeding \$575,000. Of the total appropriation, \$445,000 may be spent for personnel costs and other direct and necessary administrative costs. Grantees may acquire land or interests in land. Easements must be permanent. Grants may not be used to establish easement stewardship accounts. Land acquired in fee must be open to hunting and fishing during the open season unless otherwise provided by law. The program must require a match of at least ten percent from nonstate sources for all grants. The match may be cash or in-kind resources. For grant applications of \$25,000 or less, the commissioner must provide a separate, simplified application process. Subject to Minnesota statutes, the commissioner of natural resources must, when evaluating projects of equal value, give priority to organizations that have a history of receiving, or a charter to receive, private contributions for local conservation or habitat projects. If acquiring land in fee or a conservation easement, priority must be given to projects associated with or within one mile of existing wildlife management areas under Minnesota Statutes, section 86A.05, subdivision 8; scientific and natural areas under Minnesota Statutes, sections 84.033 and 86A.05, subdivision 5; or aquatic management areas under Minnesota Statutes, sections 86A.05, subdivision 14, and 97C.02. All restoration or enhancement projects must be on land permanently protected by a permanent covenant ensuring perpetual maintenance and protection of restored and enhanced habitat, by a conservation easement or public ownership or in public waters as defined in Minnesota Statutes, section 103G.005, subdivision 15. Priority must be given to restoration and enhancement projects on public lands. Minnesota Statutes, section 97A.056, subdivision 13, applies to grants awarded under this paragraph. This appropriation is available until June 30, 2023. No less than five percent of the amount of each grant must be held back from reimbursement until the grant recipient has completed a grant accomplishment report by the deadline and in the form prescribed by and satisfactory to the Lessard-Sams Outdoor Heritage Council. The commissioner must provide notice of the grant program in the summary of game and fish law prepared under Minnesota Statutes, section 97A.051, subdivision 2.

County Locations: Not Listed

Eco regions in which work will take place:

- Forest / Prairie Transition
- Metro / Urban
- Northern Forest
- Prairie
- Southeast Forest

Activity types:

- Enhance
- Protect in Easement
- Protect in Fee
- Restore

Priority resources addressed by activity:

- Forest
- Habitat
- Prairie
- Wetlands

Abstract:

The Conservation Partners Legacy Grant Program is managed by the Department of Natural Resources to provide competitive matching grants of up to \$400,000 to local, regional, state, and national non-profit organizations and government entities. In its first 9 years of funding, the CPL program provided 560 grants totaling \$54 million to 175 different grantee organizations, enhancing, restoring, or protecting over 280,000 acres of habitat. Project site monitoring has confirmed that grantees are achieving project goals, and demand continues to grow as word spreads to new applicants and successful applicants return for additional grants for local habitat improvement.

Design and scope of work:

The CPL program fulfills MS 97a.056 Subd. 3a, directing LSOHC to establish a conservation partner's grant program encouraging/supporting local conservation efforts. \$10,315,000 of the \$10,760,000 will be available for grants. Of this amount, at least \$3,000,000 will be used for projects in the 7-county metro area and in cities with a population of 50,000 people or greater. If funds remain from this \$3,000,000 after two grant rounds, they may be used for projects statewide. Statewide funds may be used in the metro area. This is a stand-alone program, but depends on support/technical advice from public land managers and habitat and acquisition specialists.

Grant activities include enhancement, restoration and protection of forests, wetlands, prairies, and habitat for fish, game, or wildlife in Minnesota. A 10% match from non-state sources is required for all grants, and may be in-kind or cash. Applicants must describe the project goals, methods, location, activity, habitat, urgency, and overall benefit. For acquisition projects, applicants describe the parcel selection process. CPL staff develops an RFP incorporating LSOHC priorities. Staff works with applicants to submit applications, oversee grant selection, prepare/execute grant documents, review expenditures, approves payments/reports, monitor work, and assist recipients with close-out. Staff complies with Office of Grants Management policies. Grantees are required to submit annual and final accomplishment reports.

The CPL program has 3 annual grant cycles- Traditional, Metro, and Expedited Conservation Projects (ECP). The Traditional and Metro cycles will have one grant round beginning August 2019 and a second round if funds remain. Projects under \$25,000 will have a simplified application. The ECP grant cycle will be open continuously for eligible projects under \$50,000 beginning August 2019, and applications will be awarded up to 5 times through May 2020, depending on available funds. DNR may choose to make additional awards, consistent with DNR and OHF policy and guidance, if additional funding becomes available.

CPL staff provides an administrative review of all applications. Technical Review Committees, comprised of habitat experts across the state, then review and score Traditional and Metro applications based on evaluation criteria (see attached). The DNR Directors of Fish and Wildlife, Eco Waters, and Forestry review the committee's recommendations and provide a ranking to the Commissioner. Final funding decisions are made by the Commissioner's office. ECP grants are reviewed by CPL staff and DNR habitat experts using established criteria. The Director of Fish and Wildlife makes final funding decisions for ECP.

CPL staff conducts site visits for most projects over \$50,000, and smaller projects if needed. For projects over \$250,000, staff may conduct site visits annually for the duration of the grant to ensure that project objectives are being met.

Administration costs of \$445,000 include salary/fringe, direct support services, travel, outreach, ongoing application system/database maintenance, and other professional services. 2 FTEs are needed to manage and promote the program, monitor grants, and meet state requirements.

How does the request address MN habitats that have: historical value to fish and wildlife, wildlife species of greatest conservation need, MN County Biological Survey data, and/or rare, threatened and endangered species inventories:

All CPL project requests include a Natural Heritage Database Review, which addresses wildlife species of greatest conservation need, the MN County Biological Survey data, and/or rare, threatened and endangered species inventories. These results are incorporated into the requests, along with mitigation measures if needed. Habitat value/species benefits is also one of the evaluation criterion used to score applications. When the projects are reviewed by the technical habitat experts, wildlife species of greatest conservation need, targeted species, and threatened/endangered species are all discussed, and add to the overall habitat quality and urgency of applications which is reflected in the scoring and funding recommendations.

Describe the science based planning and evaluation model used:

The CPL program has a Technical Review Committee that reviews and scores projects based on evaluation criteria. One of the evaluation criterion addresses the overall project value, and includes the habitat quality and quantity of the site, whether or not it is part of a habitat corridor, and the use of currently accepted practices based on sound conservation science. A second evaluation criterion addresses the habitat benefits of the proposal, such as protecting areas identified in the MN County Biological Survey. A third evaluation criterion addresses public use and access, and the project's proximity to other protected lands. The technical experts ensure that CPL proposals recommended for funding are using current conservation science and best management practices.

Which sections of the Minnesota Statewide Conservation and Preservation Plan are applicable to this program:

- H1 Protect priority land habitats
- H5 Restore land, wetlands and wetland-associated watersheds

Which other plans are addressed in this program:

- Minnesota DNR Strategic Conservation Agenda
- Plans addressed will vary depending on applications received and approved.

Which LSOHC section priorities are addressed in this program:

Forest / Prairie Transition:

- Protect, enhance, and restore wild rice wetlands, shallow lakes, wetland/grassland complexes, aspen parklands, and shoreland that provide critical habitat for game and nongame wildlife

Metro / Urban:

- Protect, enhance, and restore remnant native prairie, Big Woods forests, and oak savanna with an emphasis on areas with high biological diversity

Northern Forest:

- Protect shoreland and restore or enhance critical habitat on wild rice lakes, shallow lakes, cold water lakes, streams and rivers, and spawning areas

Prairie:

- Protect, enhance, and restore remnant native prairie, Big Woods forests, and oak savanna

Southeast Forest:

- Protect, enhance, and restore habitat for fish, game, and nongame wildlife in rivers, cold-water streams, and associated upland habitat

Relationship to other funds:

- Not Listed

Does this program include leverage in funds:

Yes

This CPL proposal accelerates and/or supplements the wildlife and habitat management plans and activities of numerous nonprofit organizations and governments throughout the state of Minnesota. Partnerships and leverage are both encouraged, as reflected in the Evaluation Criteria. A minimum of 10% match is required, but more is often contributed. The average leverage over the past 9 years has been 20% in local match, which includes cash donations, in-kind donations, and volunteer labor. Many proposals include local match from multiple partner organizations which demonstrates the collaborative nature of the CPL program. One of the evaluation criterion addresses the financial assessment of the project, which includes partner commitment and match as well as how the project supplements existing funding.

Per MS 97A.056, Subd. 24, Any state agency or organization requesting a direct appropriation from the OHF must inform the LSOHC at the time of the request for funding is made, whether the request is supplanting or is a substitution for any previous funding that was not from a legacy fund and was used for the same purpose:

This request is for the continuation of a program that did not exist prior to the legacy fund and would not continue to exist without an OHF appropriation.

Describe the source and amount of non-OHF money spent for this work in the past:

Not Listed

How will you sustain and/or maintain this work after the Outdoor Heritage Funds are expended:

Applicants are asked to describe or submit their long-term management plans when submitting a project proposal, and the Technical Review Committee considers these plans when scoring proposals and making funding recommendations. The sustainability of the project is also addressed through one of the evaluation criterion. Long-term maintenance commitment from the applicant is crucial to a successful proposal. The CPL program has a monitoring process to ensure that funds are being used to complete work as described in the grantee's work plans. The CPL program manager and natural resource specialist conducts site visits for projects that are over \$50,000, and smaller projects as needed. When conducting site visits, CPL staff meets with the project manager and land manager to discuss and evaluate the work, and to address any issues that may have come up during the grant period, as well as discuss long-term management goals.

Explain the things you will do in the future to maintain project outcomes:

Not Listed

Activity Details:

If funded, this program will meet all applicable criteria set forth in MS 97A.056 - **Yes**

Will there be planting of corn or any crop on OHF land purchased or restored in this program - **No**

Will county board or other local government approval be formally sought prior to acquisition, per 97A.056 subd 13(j) - **Yes**

Is the land you plan to acquire (fee title) free of any other permanent protection - **Yes**

Is this land currently open for hunting and fishing - **Yes**

The land may be open for hunting and fishing, depending on individual project applications. For the ECP grant cycle, the land must be public. For acquisitions, the land will be open to for hunting and fishing unless otherwise provided by law.

Will the land be open for hunting and fishing after completion - **Yes**

All lands acquired with CPL funds will be open for hunting and fishing unless otherwise provided by law.

Who will eventually own the fee title land?

Land acquired in fee will be designated as a:

What is the anticipated number of closed acquisitions (range is fine) you plan to accomplish with this appropriation?

Not Listed

Will the eased land be open for public use - **Yes**

Public use will depend on the conditions of the easement. Most but not all CPL projects are on public lands/waters open for public use.

Is the land you plan to acquire (easement) free of any other permanent protection - **Yes**

Who will manage the easement?

Not Listed

Who will be the easement holder?

Not Listed

What is the anticipated number of easements (range is fine) you plan to accomplish with this appropriation?

Not Listed

Are there currently trails or roads on any of the acquisitions on the parcel list - **No**

Will new trails or roads be developed or improved as a result of the OHF acquisition - **No**

Will the acquired parcels be restored or enhanced within this appropriation? - **Yes**

acquired parcels will be restored and enhanced if or as needed

Will restoration and enhancement work follow best management practices including MS 84.973 Pollinator Habitat Program - **Yes**

Is the activity on permanently protected land per 97A.056, subd 13(f), tribal lands, and/or public waters per MS 103G.005, Subd. 15 - **Yes (WMA, WPA, SNA, AMA, Permanently Protected Conservation Easements County/Municipal, Refuge Lands, Public Waters, State Wilderness Areas, State Recreation Areas, State Forests)**

Accomplishment Timeline:

Activity	Approximate Date Completed
Solicit applications: RFP posted online	August 2019
First round applications due (ECP applications accepted continuously)	September 2019
First round grantees announced	December 2019
First round grants encumbered, grantees begin work	January 2020
Solicit round 2 applications, if needed	January 2020
Round 2 applications due	March 2020
Round 2 grantees announced	May 2020
Round 2 grants encumbered, grantees start work	June 2020
Ongoing grant monitoring, per OGM policy	June 2021, 2022, 2023
Annual reports to the council	August 2020, 2021, 2022
Grantees complete grants and submit final reports	June 2023
Final report to council	October 2023

Date of Final Report Submission: 11/1/2024

Federal Funding:

Do you anticipate federal funds as a match for this program - **No**

Outcomes:

Programs in the northern forest region:

- All of the above program outcomes in the northern forest region have been achieved through the CPL program, and are expected to continue to be achieved through CPL restoration, enhancement and protection projects.

Programs in forest-prairie transition region:

- All of the above program outcomes in the forest-prairie transition region have been achieved through the CPL program, and are expected to continue to be achieved through CPL restoration, enhancement and protection projects.

Programs in metropolitan urbanizing region:

- All of the above program outcomes in the metropolitan urbanizing region have been achieved through the Metro CPL program, and are expected to continue to be achieved through CPL restoration, enhancement and protection projects.

Programs in southeast forest region:

- All of the above program outcomes in the southeast forest region have been achieved through the CPL program, and are expected to continue to be achieved through CPL restoration, enhancement and protection projects.

Programs in prairie region:

- All of the above program outcomes in the prairie region have been achieved through the CPL program, and are expected to continue to be achieved through CPL restoration, enhancement and protection projects.

Budget Spreadsheet

Budget reallocations up to 10% do not require an amendment to the Accomplishment Plan

How will this program accommodate the reduced appropriation recommendation from the original proposed requested amount

Not Listed

Total Amount of Request: \$ 10760000

Budget and Cash Leverage

BudgetName	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Personnel	\$350,000	\$0		\$350,000
Contracts	\$10,315,000	\$1,031,500		\$11,346,500
Fee Acquisition w/ PILT	\$0	\$0		\$0
Fee Acquisition w/o PILT	\$0	\$0		\$0
Easement Acquisition	\$0	\$0		\$0
Easement Stewardship	\$0	\$0		\$0
Travel	\$30,000	\$0		\$30,000
Professional Services	\$30,000	\$0		\$30,000
Direct Support Services	\$30,000	\$0		\$30,000
DNR Land Acquisition Costs	\$0	\$0		\$0
Capital Equipment	\$0	\$0		\$0
Other Equipment/Tools	\$0	\$0		\$0
Supplies/Materials	\$5,000	\$0		\$5,000
DNR IDP	\$0	\$0		\$0
Total	\$10,760,000	\$1,031,500		\$11,791,500

Personnel

Position	FTE	Over # of years	LSOHC Request	Anticipated Leverage	Leverage Source	Total
Grants Coordinator	1.00	2.00	\$180,000	\$0		\$180,000
Grants Specialist	0.50	2.00	\$80,000	\$0		\$80,000
Natural Resources Specialist	0.50	2.00	\$90,000	\$0		\$90,000
Total	2.00	6.00	\$350,000	\$0		\$350,000

Amount of Request: \$10,760,000

Amount of Leverage: \$1,031,500

Leverage as a percent of the Request: 9.59%

DSS + Personnel: \$380,000

As a % of the total request: 3.53%

How did you determine which portions of the Direct Support Services of your shared support services is direct to this program:

DNR's D&N calculator

What is included in the contacts line?

The entire contract line is for grants to organizations for restoration, enhancement, and protection

Does the amount in the travel line include equipment/vehicle rental? - No

Explain the amount in the travel line outside of traditional travel costs of mileage, food, and lodging:

Describe and explain leverage source and confirmation of funds:

Leverage will be provided through local match of a minimum of 10%

Output Tables

Table 1a. Acres by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	0	0	0	0	0
Protect in Fee with State PILT Liability	0	0	0	0	0
Protect in Fee W/O State PILT Liability	0	0	0	0	0
Protect in Easement	0	0	0	0	0
Enhance	0	0	0	0	0
Total	0	0	0	0	0

Table 2. Total Funding by Resource Type

Type	Wetlands	Prairies	Forest	Habitats	Total
Restore	\$0	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Table 3. Acres within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	0	0	0	0	0	0
Protect in Fee with State PILT Liability	0	0	0	0	0	0
Protect in Fee W/O State PILT Liability	0	0	0	0	0	0
Protect in Easement	0	0	0	0	0	0
Enhance	0	0	0	0	0	0
Total	0	0	0	0	0	0

Table 4. Total Funding within each Ecological Section

Type	Metro Urban	ForestPrairie	SE Forest	Prairie	N Forest	Total
Restore	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0	\$0

Table 5. Average Cost per Acre by Resource Type

Type	Wetlands	Prairies	Forest	Habitats
Restore	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$0

Table 6. Average Cost per Acre by Ecological Section

Type	Metro/Urban	Forest/Prairie	SE Forest	Prairie	Northern Forest
Restore	\$0	\$0	\$0	\$0	\$0
Protect in Fee with State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Fee W/O State PILT Liability	\$0	\$0	\$0	\$0	\$0
Protect in Easement	\$0	\$0	\$0	\$0	\$0
Enhance	\$0	\$0	\$0	\$0	\$0

Automatic system calculation / not entered by managers

Target Lake/Stream/River Feet or Miles

0

Parcel List

For restoration and enhancement programs ONLY: Managers may add, delete, and substitute projects on this parcel list based upon need, readiness, cost, opportunity, and/or urgency so long as the substitute parcel/project forwards the constitutional objectives of this program in the Project Scope table of this accomplishment plan. The final accomplishment plan report will include the final parcel list.

Section 1 - Restore / Enhance Parcel List

No parcels with an activity type restore or enhance.

Section 2 - Protect Parcel List

No parcels with an activity type protect.

Section 2a - Protect Parcel with Bldgs

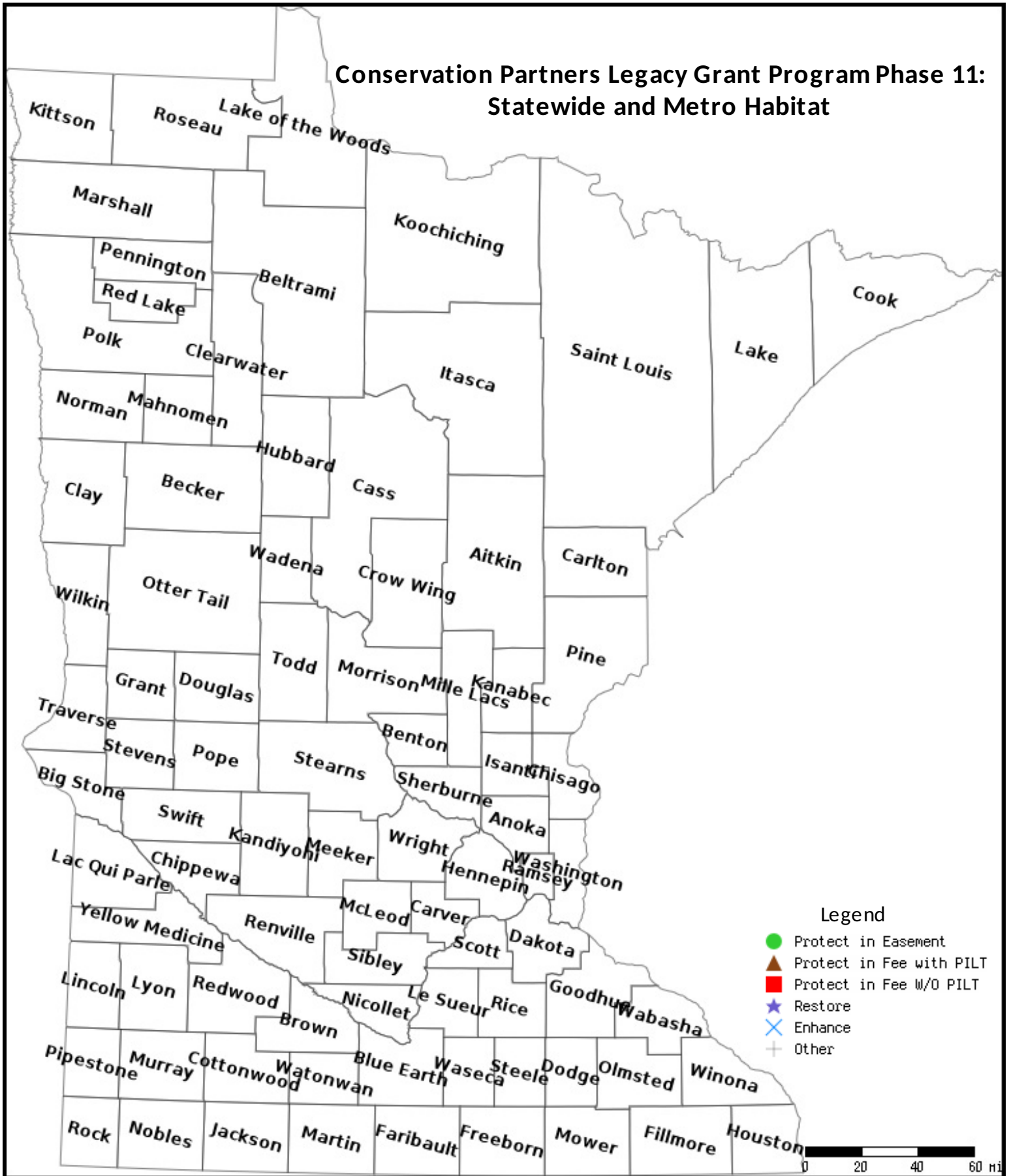
No parcels with an activity type protect and has buildings.

Section 3 - Other Parcel Activity

No parcels with an other activity type.

Parcel Map

Conservation Partners Legacy Grant Program Phase 11: Statewide and Metro Habitat



Data Generated From Parcel List